SAFETY DATA SHEET

Agilent Technologies

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier	
Product name	: SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Pan 96rxn, Part Number G9707R
Part no. (chemical kit)	: G9707R
Part no.	: <u>SureSelect XT HS and</u> <u>5500-0140</u> <u>XT Low Input Library</u> <u>Preparation Kit for ILM</u> (Pre PCR), 96 Reactions
	End Repair-A Tailing 5190-6435 Enzyme Mix
	End Repair-A Tailing 5190-6436 Buffer
	T4 DNA Ligase 5190-6437
	Ligation Buffer 5190-6438
	Adaptor Oligo Mix 5190-6439
	Forward Primer 5190-6440
	SureSelect XT HS and 5500-0140 / 5190-9686 XT Low Input Library
	Preparation Kit for ILM (Pre PCR), 96 Reactions / SureSelect XT HS and XT Low Input Target Enrichment Kit, ILM Hyb Module, Box 2 (Post
	<u>PCR), 96 Reactions</u> 100 mM dNTP Mix (25 200418-51 mM each dNTP)
	Herculase II Fusion DNA 5600-3761
	Polymerase 5X Herculase II Reaction 600675-52 Buffer
	SureSelect XT HS5190-9687Target Enrichment Kit,ILM Hyb Module, Box 1(Post PCR), 96
	<u>Reactions</u> SureSelect Binding 5190-9734 Buffer
	SureSelect Wash Buffer 5190-4408 1
	SureSelect Wash Buffer 5190-4409 2
	SureSelect XT HS and 5190-9686 XT Low Input Target Enrichment Kit, ILM Hyb Module, Box 2 (Post
	<u>PCR), 96 Reactions</u> SureSelect XT HS and 5190-9534 XT Low Input Blocker Mix
	SureSelect Fast 5190-7330 Hybridization Buffer
	SureSelect RNase Block 5972-3700
	SureSelect Post-Capture 5190-9732 Primer Mix
	SureSelect XT Low Input 5190-6444 Index Primers 1-96 for

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

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	ILM (Pre PCR)		
	SSEL Low Input Index	5190-6442	
	Primer, Plate 1, ILM SSel XT HS and XT Low	<u>5191-4097</u>	
	Input Cancer All-In-One	<u>5191-4097</u>	
	Lung, 96 Reactions		
	SSel XT HS and XT Low	5191-4097	
	Input Cancer All-In-One		
	Lung, 96 Reactions		
1.2 Relevant identified uses o	f the substance or mixture	e and uses advis	ed against
Material uses :	Analytical reagent.		
	For Research Use Only.	Not for use in diag	nostic procedures.
	End Repair-A Tailing Enzy	me Mix	0.512 ml (96 reactions)
	End Repair-A Tailing Buffe	er	2.048 ml (96 reactions)
	T4 DNA Ligase		0.256 ml (96 reactions)
	Ligation Buffer		2.944 ml (96 reactions)
	Adaptor Oligo Mix Forward Primer		0.64 - 0.7 ml (96 reactions) 0.256 ml (96 reactions)
	100 mM dNTP Mix (25 mM	(each dNTD)	0.1 ml
	Herculase II Fusion DNA F		0.14 ml (96 reactions)
	5X Herculase II Reaction E		1.5 ml
	SureSelect Binding Buffer		93 ml
	SureSelect Wash Buffer 1		48 ml
	SureSelect Wash Buffer 2		144 ml
	SureSelect XT HS and XT Blocker Mix	Low Input	0.64 ml (96 reactions)
	SureSelect Fast Hybridizat	tion Buffer	0.918 ml
	SureSelect RNase Block		0.08 ml
	SureSelect Post-Capture F		0.14 ml (96 reactions)
	SSEL Low Input Index Prin		
	SSel XT HS and XT Low In In-One Lung, 96 Reactions		0.192 ml
	III-One Lung, 90 Reactions	>	
1.3 Details of the supplier of t	he safety data sheet		
Agilent Technologies LDA UK			
5500 Lakeside Cheadle Royal	Business Park,		
Cheadle, Cheshire, SK8 3GR			
United Kingdom			
Tel: +44 (0) 345 712 5292			
e-mail address of person : responsible for this SDS	pdl-msds_author@agilent.	com	
1.4 Emergency telephone nur	nber		
Emergency telephone		8200418	

Emergency telephone : CHEMTREC®: +(44)-870-8200418 number (with hours of operation)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition :	End Repair-A Tailing Enzyme Mix	Mixture
	End Repair-A Tailing Buffer	Mixture
	T4 DNA Ligase	Mixture
	Ligation Buffer	Mixture
	Adaptor Oligo Mix	Mixture
	Forward Primer	Mixture
	100 mM dNTP Mix (25 mM each dNTP)	Mixture
	Herculase II Fusion DNA Polymerase	Mixture
	5X Herculase II Reaction Buffer	Mixture
	SureSelect Binding Buffer	Mixture
	SureSelect Wash Buffer	Mixture
	SureSelect Wash Buffer 2	Mixture
	SureSelect XT HS and XT Low Input Blocker Mix	Mixture
	SureSelect Fast Hybridization Buffer	Mixture
	SureSelect RNase Block	Mixture
	SureSelect Post-Capture Primer Mix	Mixture
	SSEL Low Input Index Primer, Plate 1, ILM	Mixture
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Mixture
Classification according to F Not classified.	Regulation (EC) No. 1272/2	2008 [CLP/GHS]

Ingredients of unknown toxicity	 End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer 100 mM dNTP Mix (25 mM each dNTP) 	Percentage of the mixture consisti unknown acute inhalation toxicity: Percentage of the mixture consisti unknown acute dermal toxicity: 1 - Percentage of the mixture consisti unknown acute inhalation toxicity: Percentage of the mixture consisti unknown acute dermal toxicity: 1 - Percentage of the mixture consisti unknown acute inhalation toxicity: 1 - Percentage of the mixture consisti unknown acute inhalation toxicity: Percentage of the mixture consisti unknown acute inhalation toxicity: Percentage of the mixture consisti unknown acute inhalation toxicity:	30 - 60% ing of ingredient(s) of 10% ing of ingredient(s) of 1 - 10% ing of ingredient(s) of 30 - 60% ing of ingredient(s) of 30 - 60% ing of ingredient(s) of 10% ing of ingredient(s) of 1 - 10% ing of ingredient(s) of
	Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer	Percentage of the mixture consisti unknown acute inhalation toxicity: Percentage of the mixture consisti unknown acute dermal toxicity: 1 -	ng of ingredient(s) of 30 - 60% ing of ingredient(s) of · 10%
	SureSelect Binding Buffer	unknown acute inhalation toxicity:	1 - 10% ing of ingredient(s) of 1 - 10%
	SureSelect Fast Hybridization Buffer SureSelect RNase Block	Percentage of the mixture consisti unknown acute inhalation toxicity: Percentage of the mixture consisti	30 - 60%
Date of issue/Date of revision	: 19/04/2022 Date of previous	issue : 07/03/2022	Version : 4.1 3/72

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	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	unknown acute inhalation toxicity: 30 - 60% Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 1 - 10%
Ingredients of unknown ecotoxicity	: 100 mM dNTP Mix (25 mM each dNTP) SureSelect Fast Hybridization Buffer	Contains 5.4% of components with unknown hazards to the aquatic environment Contains 31.3% of components with unknown hazards to the aquatic environment
See Section 16 for the full t	avt of the LL statements dealers	

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Signal word	: End Repair-A Tailing	No signal word.
	Enzyme Mix End Repair-A Tailing Buffer	No signal word.
	T4 DNA Ligase	No signal word.
	Ligation Buffer	No signal word.
	Adaptor Oligo Mix	No signal word.
	Forward Primer	No signal word.
	100 mM dNTP Mix (25	No signal word.
	mM each dNTP)	
	Herculase II Fusion DNA	No signal word.
	Polymerase	-
	5X Herculase II Reaction Buffer	No signal word.
	SureSelect Binding Buffer	No signal word.
	SureSelect Wash Buffer 1	No signal word.
	SureSelect Wash Buffer 2	No signal word.
	SureSelect XT HS and XT Low Input Blocker Mix	No signal word.
	SureSelect Fast Hybridization Buffer	No signal word.
	SureSelect RNase Block	No signal word.
	SureSelect Post-Capture Primer Mix	No signal word.
	SSEL Low Input Index Primer, Plate 1, ILM	No signal word.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No signal word.
Hazard statements	: End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding	No known significant effects or critical hazards.

	Buffer SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block SureSelect Post-Capture	No known significant effects or critical hazards. No known significant effects or critical hazards.
	Primer Mix SSEL Low Input Index	No known significant effects or critical hazards.
	Primer, Plate 1, ILM SSel XT HS and XT Low	No known significant effects or critical hazards.
	Input Cancer All-In-One Lung, 96 Reactions	
Precautionary statements		
Prevention	: End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	mM each dNTP) Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low Input Blocker Mix	Not applicable.
	SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer Mix	Not applicable.
	SSEL Low Input Index Primer, Plate 1, ILM	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not applicable.
Response	: End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.

	5X Herculase II Reaction	Not applicable.
	Buffer SureSelect Binding	Not applicable.
	Buffer	
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer	Not applicable.
	2 SureSelect XT HS and XT Low Input Blocker Mix	Not applicable.
	SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer Mix	Not applicable.
	SSEL Low Input Index Primer, Plate 1, ILM	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not applicable.
Storage	: End Repair-A Tailing	Not applicable.
	Enzyme Mix End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low Input Blocker Mix	Not applicable.
	SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer Mix	Not applicable.
	SSEL Low Input Index Primer, Plate 1, ILM	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not applicable.
Disposal	: End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	mM each dNTP) Herculase II Fusion DNA	Not applicable.
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	. 10/01/2022 Date of previous	

		Polymerase 5X Herculase II Reaction Buffer	Not applicable.
		SureSelect Binding Buffer	Not applicable.
		SureSelect Wash Buffer	Not applicable.
		SureSelect Wash Buffer	Not applicable.
		SureSelect XT HS and	Not applicable.
		XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not applicable.
		SureSelect RNase Block	Not applicable.
		SureSelect Post-Capture	Not applicable.
		Primer Mix	
		SSEL Low Input Index Primer, Plate 1, ILM	Not applicable.
		SSel XT HS and XT Low	Not applicable.
		Input Cancer All-In-One Lung, 96 Reactions	
Hazardous ingredients	1.	5X Herculase II Reaction	Not applicable
nazaruous ingredients	1	Buffer	Not applicable.
		SureSelect Binding Buffer	Not applicable.
Supplemental label elements	:	End Repair-A Tailing Enzyme Mix	Not applicable.
cicinenta		End Repair-A Tailing	Not applicable.
		Buffer	Net evelopede
		T4 DNA Ligase	Not applicable.
		Ligation Buffer	Not applicable.
		Adaptor Oligo Mix	Not applicable.
		Forward Primer	Not applicable.
		100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
		Herculase II Fusion DNA Polymerase	Not applicable.
		5X Herculase II Reaction Buffer	Safety data sheet available on request.
		SureSelect Binding Buffer	Safety data sheet available on request.
		SureSelect Wash Buffer	Not applicable.
		SureSelect Wash Buffer	Not applicable.
		SureSelect XT HS and XT Low Input Blocker Mix	Not applicable.
		SureSelect Fast Hybridization Buffer	Not applicable.
		SureSelect RNase Block	Not applicable.
		SureSelect Post-Capture Primer Mix	Not applicable.
		SSEL Low Input Index Primer, Plate 1, ILM	Not applicable.
		SSel XT HS and XT Low	Not applicable.
		Input Cancer All-In-One Lung, 96 Reactions	

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Annex XVII - Restrictions : on the manufacture,	End Repair-A Tailing Enzyme Mix	Not applicable.
placing on the market and use of certain	End Repair-A Tailing Buffer	Not applicable.
		Not applicable.
dangerous substances,	T4 DNA Ligase	••
mixtures and articles	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer	Not applicable.
	SureSelect Wash Buffer	Not applicable.
	SureSelect XT HS and	Not applicable.
	XT Low Input Blocker Mix SureSelect Fast	Not applicable.
	Hybridization Buffer	
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer Mix	Not applicable.
	SSEL Low Input Index Primer, Plate 1, ILM	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not applicable.
Special packaging requirem	-	
	End Repair-A Tailing Enzyme Mix	Not applicable.
danger	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low Input Blocker Mix	Not applicable.
	SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture	Not applicable.
	Primerivix	
	Primer Mix SSEL Low Input Index Primer, Plate 1, ILM	Not applicable.

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SECTION 2: Hazards identification

SSel XT HS and XT Low Not applicable. Input Cancer All-In-One Lung, 96 Reactions

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No.	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase	This mixture does not contain any substances that are assessed to be a PBT or a vPvB. This mixture does not contain any substances that are assessed to be a PBT or a vPvB. This mixture does not contain any substances that are
1907/2006, Annex XIII	Ligation Buffer	assessed to be a PBT or a vPvB. This mixture does not contain any substances that are
	Adaptor Oligo Mix	assessed to be a PBT or a vPvB. This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	Forward Primer	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	100 mM dNTP Mix (25 mM each dNTP)	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	Herculase II Fusion DNA Polymerase	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
		This mixture does not contain any substances that are
	Buffer	assessed to be a PBT or a vPvB.
	SureSelect Binding	This mixture does not contain any substances that are
	Buffer SureSelect Wash Buffer	assessed to be a PBT or a vPvB. This mixture does not contain any substances that are
	1	assessed to be a PBT or a vPvB.
	SureSelect Wash Buffer	This mixture does not contain any substances that are
	2 SureSelect XT HS and	assessed to be a PBT or a vPvB.
		This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	SureSelect Fast	This mixture does not contain any substances that are
	Hybridization Buffer	assessed to be a PBT or a vPvB.
	SureSelect Rinase Block	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	SureSelect Post-Capture	This mixture does not contain any substances that are
	Primer Mix	assessed to be a PBT or a vPvB.
	SSEL Low Input Index Primer, Plate 1, ILM	This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
	SSel XT HS and XT Low	
	Input Cancer All-In-One Lung, 96 Reactions	assessed to be a PBT or a vPvB.
Other hazards which do not result in	: End Repair-A Tailing Enzyme Mix	None known.
classification	End Repair-A Tailing Buffer	None known.
	T4 DNA Ligase	None known.
	Ligation Buffer Adaptor Oligo Mix	None known. None known.
	Forward Primer	None known.
	100 mM dNTP Mix (25	None known.
	mM each dNTP) Herculase II Fusion DNA	None known.
	Polymerase 5X Herculase II Reaction	None known.
	Buffer	NORE KIUWII.
	SureSelect Binding Buffer	None known.
	SureSelect Wash Buffer 1	None known.
	SureSelect Wash Buffer 2	None known.
Date of issue/Date of revision	: 19/04/2022 Date of previou	s issue : 07/03/2022 Version : 4.1

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SureSelect XT HS and	None known.
XT Low Input Blocker Mix	
SureSelect Fast	None known.
Hybridization Buffer	
SureSelect RNase Block	None known.
SureSelect Post-Capture	None known.
Primer Mix	
SSEL Low Input Index	None known.
Primer, Plate 1, ILM	
SSel XT HS and XT Low	None known.
Input Cancer All-In-One	
Lung, 96 Reactions	

SECTION 3: Composition/information on ingredients

3.1 Substances	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer	Mixture Mixture
		Mixture
	T4 DNA Ligase	
	Ligation Buffer	Mixture
	Adaptor Oligo Mix	Mixture
	Forward Primer	Mixture
	100 mM dNTP Mix (25 mM each dNTP)	Mixture
	Herculase II Fusion DNA Polymerase	Mixture
	5X Herculase II Reaction Buffer	Mixture
	SureSelect Binding Buffer	Mixture
	SureSelect Wash Buffer 1	Mixture
	SureSelect Wash Buffer 2	Mixture
	SureSelect XT HS and XT Low	Mixture
	Input Blocker Mix	Mixture
	SureSelect Fast Hybridization Buffer	Mixture
	SureSelect RNase Block	Mixture
	SureSelect Post-Capture Primer Mix	Mixture
	SSEL Low Input Index Primer, Plate 1, ILM	Mixture
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Mixture

Product/ingredient name	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	Туре
End Repair-A Tailing Enzyme Mix				
Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
T4 DNA Ligase				
Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
Ligation Buffer				
Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥10 - ≤25	Not classified.	[2]
Herculase II Fusion DNA Polymerase				
Glycerol	REACH #: Annex V EC: 200-289-5	≥50 - ≤75	Not classified.	[2]
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	CAS: 56-81-5			
5X Herculase II Reaction Buffer				
Trometamol	EC: 201-064-4 CAS: 77-86-1	≤3	Skin Irrit. 2, H315 Eye Irrit. 2, H319	[1]
Ammonium sulphate	EC: 231-984-1 CAS: 7783-20-2	≤3	Eye Irrit. 2, H319	[1]
Hexadecan-1-ol, ethoxylated	EC: 500-014-1 CAS: 9004-95-9	<2.5	Aquatic Chronic 2, H411	[1]
SureSelect Binding Buffer				
Sodium chloride	EC: 231-598-3 CAS: 7647-14-5	<10	Eye Irrit. 2, H319	[1]
SureSelect RNase Block				
Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.	[2]
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96				
Reactions				[0]
Glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≤3	Not classified.	[2]
			See Section 16 for the full text of the H statements declared above.	

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Туре

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

[6] Additional disclosure due to company policy

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye contact	: End Repair-A Tailing Enzyme Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.				
	End Repair-A Tailing Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.				
	T4 DNA Ligase	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.				
	Ligation Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.				
	Adaptor Oligo Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.				
	Forward Primer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.				
	100 mM dNTP Mix (25	Immediately flush eyes with plenty of water, occasionally				
Date of issue/Date of revision	: 19/04/2022 Date of previou	Is issue : 07/03/2022 Version : 4.1 11/72				

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	mM each dNTP) Herculase II Fusion DNA	lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. Immediately flush eyes with plenty of water, occasionally
	Polymerase	lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	5X Herculase II Reaction Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect Binding Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect Wash Buffer 1	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect Wash Buffer 2	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect XT HS and XT Low Input Blocker Mix	Immediately flush eyes with plenty of water, occasionally
	SureSelect Fast Hybridization Buffer	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect RNase Block	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SureSelect Post-Capture Primer Mix	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SSEL Low Input Index Primer, Plate 1, ILM	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: End Repair-A Tailing Enzyme Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	End Repair-A Tailing Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	T4 DNA Ligase	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Ligation Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Adaptor Oligo Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Forward Primer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	100 mM dNTP Mix (25 mM each dNTP)	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	Herculase II Fusion DNA	Remove victim to fresh air and keep at rest in a position
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	Polymerase	comfortable for breathing. Get medical attention if
	r orymerase	symptoms occur.
	5X Herculase II Reaction Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for
	SureSelect Binding Buffer	48 hours. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if
	SureSelect Wash Buffer 1	symptoms occur. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Wash Buffer 2	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect XT HS and XT Low Input Blocker Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Fast Hybridization Buffer	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. In case of inhalation of decomposition
		products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	SureSelect RNase Block	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SureSelect Post-Capture Primer Mix	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SSEL Low Input Index Primer, Plate 1, ILM	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
Skin contact	: End Repair-A Tailing Enzyme Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	End Repair-A Tailing Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	T4 DNA Ligase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Ligation Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Adaptor Oligo Mix	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Forward Primer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	100 mM dNTP Mix (25 mM each dNTP)	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Herculase II Fusion DNA Polymerase	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	5X Herculase II Reaction	Flush contaminated skin with plenty of water. Remove
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	Buffer	contaminated clothing and shoes. Get medical attention if
	Cure Colo et Dindiner	symptoms occur.
	SureSelect Binding Buffer	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if
	Dullel	symptoms occur.
	SureSelect Wash Buffer	Flush contaminated skin with plenty of water. Remove
	1	contaminated clothing and shoes. Get medical attention if
		symptoms occur.
	SureSelect Wash Buffer	Flush contaminated skin with plenty of water. Remove
	2	contaminated clothing and shoes. Get medical attention if
		symptoms occur.
	SureSelect XT HS and	Flush contaminated skin with plenty of water. Remove
	XT Low Input Blocker Mix	contaminated clothing and shoes. Get medical attention if symptoms occur.
	SureSelect Fast	Flush contaminated skin with plenty of water. Remove
	Hybridization Buffer	contaminated clothing and shoes. Get medical attention if
		symptoms occur.
	SureSelect RNase Block	Flush contaminated skin with plenty of water. Remove
		contaminated clothing and shoes. Get medical attention if
		symptoms occur.
	SureSelect Post-Capture	Flush contaminated skin with plenty of water. Remove
	Primer Mix	contaminated clothing and shoes. Get medical attention if
	SSEL Low Input Index	symptoms occur.
	SSEL Low Input Index Primer, Plate 1, ILM	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if
		symptoms occur.
	SSel XT HS and XT Low	Flush contaminated skin with plenty of water. Remove
	Input Cancer All-In-One	contaminated clothing and shoes. Get medical attention if
	Lung, 96 Reactions	symptoms occur.
Ingestion :	End Repair-A Tailing	Wash out mouth with water. If material has been swallowed
-	Enzyme Mix	and the exposed person is conscious, give small quantities
		of water to drink. Do not induce vomiting unless directed to
		do so by medical personnel. Get medical attention if
	Fod Densir A Tailing	symptoms occur.
	End Repair-A Tailing Buffer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities
	Buller	of water to drink. Do not induce vomiting unless directed to
		do so by medical personnel. Get medical attention if
		symptoms occur.
	T4 DNA Ligase	Wash out mouth with water. If material has been swallowed
		and the exposed person is conscious, give small quantities
		of water to drink. Do not induce vomiting unless directed to
		do so by medical personnel. Get medical attention if
	Ligation Buffer	symptoms occur. Wash out mouth with water. If material has been swallowed
		and the exposed person is conscious, give small quantities
		of water to drink. Do not induce vomiting unless directed to
		do so by medical personnel. Get medical attention if
		symptoms occur.
	Adaptor Oligo Mix	Wash out mouth with water. If material has been swallowed
		and the exposed person is conscious, give small quantities
		of water to drink. Do not induce vomiting unless directed to
		do so by medical personnel. Get medical attention if
	Forward Primer	symptoms occur. Wash out mouth with water. If material has been swallowed
		and the exposed person is conscious, give small quantities
		of water to drink. Do not induce vomiting unless directed to
		do so by medical personnel. Get medical attention if
		symptoms occur.
	100 mM dNTP Mix (25	Wash out mouth with water. If material has been swallowed
	mM each dNTP)	and the exposed person is conscious, give small quantities
		of water to drink. Do not induce vomiting unless directed to
		do so by medical personnel. Get medical attention if

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measures	
Herculase II Fusion DNA Polymerase	symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if
5X Herculase II Reaction Buffer	symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if
SureSelect Binding Buffer	symptoms occur. Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Wash Buffer 1	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Wash Buffer 2	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect XT HS and XT Low Input Blocker Mix	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Fast Hybridization Buffer	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect RNase Block	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SureSelect Post-Capture Primer Mix	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SSEL Low Input Index Primer, Plate 1, ILM	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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rotection of first-aiders	: End Repair-A Tailing	No action shall be taken involving any personal risk or
	Enzyme Mix	without suitable training.
	End Repair-A Tailing	No action shall be taken involving any personal risk or
	Buffer	without suitable training.
	T4 DNA Ligase	No action shall be taken involving any personal risk or
		without suitable training.
	Ligation Buffer	No action shall be taken involving any personal risk or without suitable training.
	Adaptor Oligo Mix	No action shall be taken involving any personal risk or without suitable training.
	Forward Primer	No action shall be taken involving any personal risk or without suitable training.
	100 mM dNTP Mix (25 mM each dNTP)	No action shall be taken involving any personal risk or without suitable training.
	Herculase II Fusion DNA Polymerase	No action shall be taken involving any personal risk or without suitable training.
	5X Herculase II Reaction Buffer	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Binding Buffer	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Wash Buffer 1	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Wash Buffer 2	No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT HS and XT Low Input Blocker Mix	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Fast Hybridization Buffer	No action shall be taken involving any personal risk or without suitable training.
	SureSelect RNase Block	No action shall be taken involving any personal risk or without suitable training.
	SureSelect Post-Capture Primer Mix	No action shall be taken involving any personal risk or without suitable training.
	SSEL Low Input Index Primer, Plate 1, ILM	No action shall be taken involving any personal risk or without suitable training.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact	: End Repair-A Tailing	No known significant effects or critical hazards.
	Enzyme Mix End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.

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	SureSelect Fast	No known significant effects or critical hazards.
	Hybridization Buffer	
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture	No known significant effects or critical hazards.
	Primer Mix	
	SSEL Low Input Index	No known significant effects or critical hazards.
	Primer, Plate 1, ILM	
	SSel XT HS and XT Low	No known significant effects or critical hazards.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Inhalation	: End Repair-A Tailing	No known significant effects or critical hazards.
	Enzyme Mix	
	End Repair-A Tailing	No known significant effects or critical hazards.
	Buffer	
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25	No known significant effects or critical hazards.
	mM each dNTP)	
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	5X Herculase II Reaction	No known significant effects or critical hazards.
	Buffer	
	SureSelect Binding	No known significant effects or critical hazards.
	Buffer	No known cignificant offects or exitical becaude
	SureSelect Wash Buffer	No known significant effects or critical hazards.
	sureSelect Wash Buffer	No known significant effects or critical hazards.
	2	
	_ SureSelect XT HS and	No known significant effects or critical hazards.
	XT Low Input Blocker Mix	
	SureSelect Fast	No known significant effects or critical hazards.
	Hybridization Buffer	5
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture	No known significant effects or critical hazards.
	Primer Mix	-
	SSEL Low Input Index	No known significant effects or critical hazards.
	Primer, Plate 1, ILM	
	SSel XT HS and XT Low	No known significant effects or critical hazards.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Skin contact	: End Repair-A Tailing	No known significant effects or critical hazards.
	Enzyme Mix	-
	End Repair-A Tailing	No known significant effects or critical hazards.
	Buffer	
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25	No known significant effects or critical hazards.
	mM each dNTP)	
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	
	5X Herculase II Reaction	No known significant effects or critical hazards.
	Buffer	No known aignificant affacts as critical bazarda
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer	No known significant effects or critical hazards.
	1	the known signmount chools of childal hazards.
	SureSelect Wash Buffer	No known significant effects or critical hazards.
	2	

	SureSelect XT HS and	No known significant effects or critical hazards.
	XT Low Input Blocker Mix SureSelect Fast	No known significant effects or critical hazards.
	Hybridization Buffer	No known significant checks of childar hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture	No known significant effects or critical hazards.
	Primer Mix SSEL Low Input Index Primer, Plate 1, ILM	No known significant effects or critical hazards.
	SSel XT HS and XT Low	No known significant effects or critical hazards.
	Input Cancer All-In-One Lung, 96 Reactions	
Ingestion :	End Repair-A Tailing	No known significant effects or critical hazards.
	Enzyme Mix End Repair-A Tailing	No known significant effects or critical hazards.
	Buffer	
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer 100 mM dNTP Mix (25	No known significant effects or critical hazards. No known significant effects or critical hazards.
	mM each dNTP)	No known significant enects of childar hazards.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase 5X Herculase II Reaction	No known significant effects or critical hazards.
	Buffer SureSelect Binding	No known significant effects or critical hazards.
	Buffer	
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.
	SSEL Low Input Index Primer, Plate 1, ILM	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One	No known significant effects or critical hazards.
	Lung, 96 Reactions	
Over-exposure signs/sympto		
Eye contact :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer	No specific data.

	1 SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer Mix	No specific data.
	SSEL Low Input Index Primer, Plate 1, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data.
Inhalation :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer	No specific data.
	SureSelect Wash Buffer 2 SureSelect XT US and	No specific data.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer Mix	No specific data.
	SSEL Low Input Index Primer, Plate 1, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data.
Skin contact :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25	No specific data.
	mM each dNTP)	
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding	No specific data.

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	Buffer SureSelect Wash Buffer 1	No specific data.
	SureSelect Wash Buffer	No specific data.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer Mix	No specific data.
	SSEL Low Input Index Primer, Plate 1, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data.
Ingestion :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.
	SureSelect Wash Buffer	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer Mix	No specific data.
	SSEL Low Input Index Primer, Plate 1, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician	: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
	T4 DNA Ligase	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Ligation Buffer	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Adaptor Oligo Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments :	Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect RNase Block SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSEL Low Input Index Primer, Plate 1, ILM SSEL XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment. No specific treatment. No specific treatment. No specific treatment
		symptoms may be delayed. The exposed person may need
	SureSelect RNase Block	Treat symptomatically. Contact poison treatment specialist
	Primer Mix	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One	immediately if large quantities have been ingested or inhaled. Treat symptomatically. Contact poison treatment specialist
Specific treatments :	End Repair-A Tailing	No specific treatment.
	End Repair-A Tailing	No specific treatment.
	T4 DNA Ligase	
	•	
		•
	100 mM dNTP Mix (25	•
		No specific treatment.
	5X Herculase II Reaction Buffer	No specific treatment.
	SureSelect Binding Buffer	No specific treatment.
	SureSelect Wash Buffer 1	No specific treatment.
	SureSelect Wash Buffer 2	No specific treatment.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific treatment.
	SureSelect Fast Hybridization Buffer	No specific treatment.
	SureSelect RNase Block SureSelect Post-Capture Primer Mix	No specific treatment. No specific treatment.
	SSEL Low Input Index Primer, Plate 1, ILM	No specific treatment.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No specific treatment.

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SECTION 5: Firefighting measures

5.1 Extinguishing media		
Suitable extinguishing media	: End Repair-A Tailing Enzyme Mix	Use an extinguishing agent suitable for the surrounding fire.
	End Repair-A Tailing Buffer	Use an extinguishing agent suitable for the surrounding fire.
	T4 DNA Ligase	Use an extinguishing agent suitable for the surrounding fire.
	Ligation Buffer	Use an extinguishing agent suitable for the surrounding fire.
	Adaptor Oligo Mix	Use an extinguishing agent suitable for the surrounding fire.
	Forward Primer	Use an extinguishing agent suitable for the surrounding fire.
	100 mM dNTP Mix (25	Use an extinguishing agent suitable for the surrounding fire.
	mM each dNTP) Herculase II Fusion DNA Polymerase	Use an extinguishing agent suitable for the surrounding fire.
	5X Herculase II Reaction Buffer	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Binding Buffer	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Wash Buffer 1	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Wash Buffer 2	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect XT HS and XT Low Input Blocker Mix	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Fast Hybridization Buffer	Use an extinguishing agent suitable for the surrounding fire.
	SureSelect Post-	Use an extinguishing agent suitable for the surrounding fire. Use an extinguishing agent suitable for the surrounding fire.
	Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM	Use an extinguishing agent suitable for the surrounding fire.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media	: End Repair-A Tailing Enzyme Mix	None known.
	End Repair-A Tailing Buffer	None known.
	T4 DNA Ligase	None known.
	Ligation Buffer	None known.
	Adaptor Oligo Mix	None known.
	Forward Primer	None known. None known.
	100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA	
	Polymerase	None known.
	5X Herculase II Reaction Buffer	None known.
	SureSelect Binding Buffer	None known.
	SureSelect Wash Buffer 1	None known.
	SureSelect Wash Buffer 2	None known.
	SureSelect XT HS and XT Low Input Blocker Mix	None known.
	SureSelect Fast	None known.
	Hybridization Buffer	
	SureSelect RNase Block	None known.
		None known. None known.

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SECTION 5: Firefighting measures

	SSEL Low Input Index Primer, Plate 1, ILM	None known.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	None known.
5.2 Special hazards arising f	from the substance or mixtu	ıre
Hazards from the	: End Repair-A Tailing	In a fire or if heated, a pressure increase will occur and the
substance or mixture	Enzyme Mix End Repair-A Tailing	container may burst. In a fire or if heated, a pressure increase will occur and the
	Buffer	container may burst.
	T4 DNA Ligase	In a fire or if heated, a pressure increase will occur and the container may burst.
	Ligation Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	Adaptor Oligo Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
	Forward Primer	In a fire or if heated, a pressure increase will occur and the container may burst.
	100 mM dNTP Mix (25 mM each dNTP)	In a fire or if heated, a pressure increase will occur and the container may burst.
	Herculase II Fusion DNA	In a fire or if heated, a pressure increase will occur and the
	Polymerase 5X Herculase II	container may burst. In a fire or if heated, a pressure increase will occur and the
	Reaction Buffer	container may burst.
	SureSelect Binding Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Wash Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Wash Buffer 2	In a fire or if heated, a pressure increase will occur and the
	Z SureSelect XT HS and XT Low Input Blocker Mix	container may burst. In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Fast Hybridization Buffer	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect RNase Block	In a fire or if heated, a pressure increase will occur and the container may burst.
	SureSelect Post- Capture Primer Mix	In a fire or if heated, a pressure increase will occur and the container may burst.
	SSEL Low Input Index Primer, Plate 1, ILM	In a fire or if heated, a pressure increase will occur and the container may burst.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous combustion products	: End Repair-A Tailing Enzyme Mix	Decomposition products may include the following materials:
	End Repair-A Tailing Buffer	carbon dioxide carbon monoxide Decomposition products may include the following materials:
		carbon dioxide carbon monoxide nitrogen oxides halogenated compounds metal oxide/oxides
	T4 DNA Ligase	Decomposition products may include the following materials: carbon dioxide
	Ligation Buffer	carbon monoxide Decomposition products may include the following materials: carbon dioxide carbon monoxide

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	ining modeuloo	
	Adaptor Oligo Mix Forward Primer	No specific data. No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	Decomposition products may include the following materials:
	,	carbon dioxide
		carbon monoxide nitrogen oxides
		phosphorus oxides
	Herculase II Fusion DNA Polymerase	Decomposition products may include the following materials:
		carbon dioxide carbon monoxide
	5X Herculase II Reaction Buffer	Decomposition products may include the following materials:
		carbon dioxide
		carbon monoxide nitrogen oxides
		sulfur oxides
	SureSelect Binding	metal oxide/oxides Decomposition products may include the following materials:
	Buffer	Decomposition products may include the following materials.
		halogenated compounds
	SureSelect Wash Buffer	metal oxide/oxides No specific data.
	1	
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low Input Blocker	No specific data.
	Mix SureSelect Fast Hybridization Buffer	Decomposition products may include the following materials:
		carbon dioxide
		carbon monoxide nitrogen oxides
		halogenated compounds
	SureSelect RNase Block	metal oxide/oxides Decomposition products may include the following materials:
	Sureselect Mase Diock	carbon dioxide carbon monoxide
	SureSelect Post-	No specific data.
	Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Decomposition products may include the following materials:
	Lung, ou reactions	carbon dioxide carbon monoxide
5.3 Advice for firefighters		
Special precautions for	: End Repair-A Tailing	Promptly isolate the scene by removing all persons from the
fire-fighters	Enzyme Mix	vicinity of the incident if there is a fire. No action shall be
	End Repair-A Tailing	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the
	Buffer	vicinity of the incident if there is a fire. No action shall be
	T4 DNA Ligase	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the
	D Ligado	vicinity of the incident if there is a fire. No action shall be
	Ligation Buffer	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be
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	Adaptor Oligo Mix	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training
	Forward Primer	taken involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	100 mM dNTP Mix (25 mM each dNTP)	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	Herculase II Fusion DNA Polymerase	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	5X Herculase II Reaction Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Binding Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Wash Buffer 1	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Wash Buffer 2	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Fast Hybridization Buffer	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect RNase Block	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SureSelect Post- Capture Primer Mix	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SSEL Low Input Index Primer, Plate 1, ILM	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Special protective equipment for fire- fighters	: End Repair-A Tailing Enzyme Mix	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
	End Repair-A Tailing Buffer	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a
	T4 DNA Ligase	basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a
	Ligation Buffer	basic level of protection for chemical incidents. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full
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conforming to European standard EN 469 will provide a

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5	
	basic level of protection for chemical incidents.
SureSelect RNase Block	Fire-fighters should wear appropriate protective equipment
	and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves)
	conforming to European standard EN 469 will provide a
	basic level of protection for chemical incidents.
SureSelect Post-	Fire-fighters should wear appropriate protective equipment
Capture Primer Mix	and self-contained breathing apparatus (SCBA) with a full
	face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a
	basic level of protection for chemical incidents.
SSEL Low Input Index	Fire-fighters should wear appropriate protective equipment
Primer, Plate 1, ILM	and self-contained breathing apparatus (SCBA) with a full
	face-piece operated in positive pressure mode. Clothing for
	fire-fighters (including helmets, protective boots and gloves)
	conforming to European standard EN 469 will provide a
SSel XT HS and XT Low	basic level of protection for chemical incidents.
Input Cancer All-In-One	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full
Lung, 96 Reactions	face-piece operated in positive pressure mode. Clothing for
,,	fire-fighters (including helmets, protective boots and gloves)
	conforming to European standard EN 469 will provide a
	basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency	: End Repair-A Tailing	No action shall be taken involving any personal risk or
personnel	Enzyme Mix	without suitable training. Evacuate surrounding areas.
		Keep unnecessary and unprotected personnel from entering.
		Do not touch or walk through spilt material. Put on
		appropriate personal protective equipment.
	End Repair-A Tailing	No action shall be taken involving any personal risk or
	Buffer	without suitable training. Evacuate surrounding areas.
		Keep unnecessary and unprotected personnel from entering.
		Do not touch or walk through spilt material. Put on
		appropriate personal protective equipment.
	T4 DNA Ligase	No action shall be taken involving any personal risk or
		without suitable training. Evacuate surrounding areas.
		Keep unnecessary and unprotected personnel from entering.
		Do not touch or walk through spilt material. Put on
	Ligation Buffer	appropriate personal protective equipment. No action shall be taken involving any personal risk or
	Ligation Buller	without suitable training. Evacuate surrounding areas.
		Keep unnecessary and unprotected personnel from entering.
		Do not touch or walk through spilt material. Put on
		appropriate personal protective equipment.
	Adaptor Oligo Mix	No action shall be taken involving any personal risk or
	, adpier enge mix	without suitable training. Evacuate surrounding areas.
		Keep unnecessary and unprotected personnel from entering.
		Do not touch or walk through spilt material. Put on
		appropriate personal protective equipment.
	Forward Primer	No action shall be taken involving any personal risk or
		without suitable training. Evacuate surrounding areas.
		Keep unnecessary and unprotected personnel from entering.
		Do not touch or walk through spilt material. Put on
		appropriate personal protective equipment.
	100 mM dNTP Mix (25	No action shall be taken involving any personal risk or
	mM each dNTP)	without suitable training. Evacuate surrounding areas.
		Keep unnecessary and unprotected personnel from entering.
		Do not touch or walk through spilt material. Put on

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Herculase II Fusion DNA Polymerase	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.		
5X Herculase II Reaction Buffer	Do not touch or walk through spilt material. Put on appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on		
SureSelect Binding Buffer	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on		
SureSelect Wash Buffer 1	appropriate personal protective equipment. No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.		
SureSelect Wash Buffer 2	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.		
SureSelect XT HS and XT Low Input Blocker Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.		
SureSelect Fast Hybridization Buffer	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.		
SureSelect RNase Block	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.		
SureSelect Post-Capture Primer Mix	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.		
SSEL Low Input Index Primer, Plate 1, ILM	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.		
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.		

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For emergency : responders	End Repair-A Tailing Enzyme Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-
	End Repair-A Tailing Buffer	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-
	T4 DNA Ligase	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- omergence".
	Ligation Buffer	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	Adaptor Oligo Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	Forward Primer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	100 mM dNTP Mix (25 mM each dNTP)	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	Herculase II Fusion DNA Polymerase	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	5X Herculase II Reaction Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	SureSelect Binding Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	SureSelect Wash Buffer 1	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	SureSelect Wash Buffer 2	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	SureSelect XT HS and XT Low Input Blocker Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	SureSelect Fast Hybridization Buffer	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	SureSelect RNase Block	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
	SureSelect Post-Capture Primer Mix	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-

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	SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel". If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non- emergency personnel".
6.2 Environmental : precautions	End Repair-A Tailing Enzyme Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution
	End Repair-A Tailing Buffer	(sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution
	T4 DNA Ligase	(sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution
	Ligation Buffer	(sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution
	Adaptor Oligo Mix	(sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution
	Forward Primer	(sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution
	100 mM dNTP Mix (25 mM each dNTP)	(sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution
	Herculase II Fusion DNA Polymerase	(sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution
	5X Herculase II Reaction Buffer	(sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution
	SureSelect Binding Buffer	(sewers, waterways, soil or air). Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureSelect Wash Buffer 1	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureSelect Wash Buffer 2	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
	SureSelect XT HS and XT Low Input Blocker Mix	Avoid dispersal of spilt material and runoff and contact with
	SureSelect Fast	Avoid dispersal of spilt material and runoff and contact with
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Hybridization Buffer	soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution
	(sewers, waterways, soil or air).
SureSelect RNase Block	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant
	authorities if the product has caused environmental pollution
	(sewers, waterways, soil or air).
SureSelect Post-Capture Primer Mix	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant
	authorities if the product has caused environmental pollution
	(sewers, waterways, soil or air).
SSEL Low Input Index	Avoid dispersal of spilt material and runoff and contact with
Primer, Plate 1, ILM	soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution
	(sewers, waterways, soil or air).
SSel XT HS and XT Low	Avoid dispersal of spilt material and runoff and contact with
Input Cancer All-In-One	soil, waterways, drains and sewers. Inform the relevant
Lung, 96 Reactions	authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	: End Repair-A Tailing Enzyme Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose
	End Repair-A Tailing Buffer	of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose
	T4 DNA Ligase	of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose
	Ligation Buffer	of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and
	Adaptor Oligo Mix	place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and
	Forward Primer	place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose
	100 mM dNTP Mix (25 mM each dNTP)	of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal container.
	Herculase II Fusion DNA Polymerase	of via a licensed waste disposal contractor. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	5X Herculase II Reaction	Stop leak if without risk. Move containers from spill area.
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	Buffer	Dilute with water and mop up if water-soluble. Alternatively,
		or if water-insoluble, absorb with an inert dry material and
		place in an appropriate waste disposal container. Dispose
	Sura Salaat Binding	of via a licensed waste disposal contractor.
	SureSelect Binding Buffer	Stop leak if without risk. Move containers from spill area.
	Bullel	Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and
		place in an appropriate waste disposal container. Dispose
		of via a licensed waste disposal contractor.
	SureSelect Wash Buffer	Stop leak if without risk. Move containers from spill area.
	1	Dilute with water and mop up if water-soluble. Alternatively,
		or if water-insoluble, absorb with an inert dry material and
		place in an appropriate waste disposal container. Dispose
		of via a licensed waste disposal contractor.
	SureSelect Wash Buffer	Stop leak if without risk. Move containers from spill area.
	2	Dilute with water and mop up if water-soluble. Alternatively,
		or if water-insoluble, absorb with an inert dry material and
		place in an appropriate waste disposal container. Dispose
		of via a licensed waste disposal contractor.
	SureSelect XT HS and	Stop leak if without risk. Move containers from spill area.
	XT Low Input Blocker Mix	
		or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose
		of via a licensed waste disposal contractor.
	SureSelect Fast	Stop leak if without risk. Move containers from spill area.
	Hybridization Buffer	Dilute with water and mop up if water-soluble. Alternatively,
	,	or if water-insoluble, absorb with an inert dry material and
		place in an appropriate waste disposal container. Dispose
		of via a licensed waste disposal contractor.
	SureSelect RNase Block	Stop leak if without risk. Move containers from spill area.
		Dilute with water and mop up if water-soluble. Alternatively,
		or if water-insoluble, absorb with an inert dry material and
		place in an appropriate waste disposal container. Dispose
	SuraSalaat Daat Cantura	of via a licensed waste disposal contractor.
	SureSelect Post-Capture Primer Mix	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively,
		or if water-insoluble, absorb with an inert dry material and
		place in an appropriate waste disposal container. Dispose
		of via a licensed waste disposal contractor.
	SSEL Low Input Index	Stop leak if without risk. Move containers from spill area.
	Primer, Plate 1, ILM	Dilute with water and mop up if water-soluble. Alternatively,
		or if water-insoluble, absorb with an inert dry material and
		place in an appropriate waste disposal container. Dispose
		of via a licensed waste disposal contractor.
	SSel XT HS and XT Low	Stop leak if without risk. Move containers from spill area.
	Input Cancer All-In-One	Dilute with water and mop up if water-soluble. Alternatively,
	Lung, 96 Reactions	or if water-insoluble, absorb with an inert dry material and
		place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
e ether	Can Castian 4 free area	and another time ation
to other	: See Section 1 for emerger See Section 8 for informat	ion on appropriate personal protective equipment.

6.4 Reference to other sections

See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

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SECTION 7: Handling and storage

7.1 Precautions for safe ha	ndling	
Protective measures	: End Repair-A Tailing Enzyme Mix	Put on appropriate personal protective equipment (see Section 8).
	End Repair-A Tailing Buffer	Put on appropriate personal protective equipment (see Section 8).
	T4 DNA Ligase	Put on appropriate personal protective equipment (see Section 8).
	Ligation Buffer	Put on appropriate personal protective equipment (see Section 8).
	Adaptor Oligo Mix	Put on appropriate personal protective equipment (see Section 8).
	Forward Primer	Put on appropriate personal protective equipment (see Section 8).
	100 mM dNTP Mix (25 mM each dNTP)	Put on appropriate personal protective equipment (see Section 8).
	Herculase II Fusion DNA	Put on appropriate personal protective equipment (see Section 8).
	Polymerase 5X Herculase II Reaction Buffer	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Binding Buffer	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Wash Buffer	Put on appropriate personal protective equipment (see Section 8).
	SureSelect XT HS and	Put on appropriate personal protective equipment (see
	XT Low Input Blocker Mix SureSelect Fast	Section 8). Put on appropriate personal protective equipment (see
	Hybridization Buffer	Section 8).
	SureSelect RNase Block	Put on appropriate personal protective equipment (see Section 8).
	SureSelect Post-Capture Primer Mix	Put on appropriate personal protective equipment (see Section 8).
	SSEL Low Input Index Primer, Plate 1, ILM	Put on appropriate personal protective equipment (see Section 8).
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Put on appropriate personal protective equipment (see Section 8).
Advice on general	: End Repair-A Tailing	Eating, drinking and smoking should be prohibited in areas
occupational hygiene	Enzyme Mix	where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	End Repair-A Tailing Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also
	T4 DNA Ligase	Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
	Ligation Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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ling and storage	
Adaptor Oligo Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Forward Primer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
100 mM dNTP Mix (25 mM each dNTP)	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Herculase II Fusion DNA Polymerase	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
5X Herculase II Reaction Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Binding Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Wash Buffer 1	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Wash Buffer 2	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect XT HS and XT Low Input Blocker Mix	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect Fast Hybridization Buffer	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
SureSelect RNase Block	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating,

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SECTION 7: Handling and storage

	SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating,
		drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
7.2 Conditions for safe	storage, including any incompa	tibilities
Storage	: End Repair-A Tailing Enzyme Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	End Repair-A Tailing Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	T4 DNA Ligase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
	Ligation Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental

contamination. See Section 10 for incompatible materials

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Adaptor Oligo Mix	before handling or use. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
Forward Primer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
100 mM dNTP Mix (25 mM each dNTP)	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
Herculase II Fusion DNA Polymerase	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
5X Herculase II Reaction Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Binding Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
SureSelect Wash Buffer 1	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and

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SECTION 7: Handling and storage					
		well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.			
Su 2	reSelect Wash Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.			
		Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.			
	reSelect Fast bridization Buffer	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.			
Su	reSelect RNase Block	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.			
	reSelect Post-Capture mer Mix	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.			
	EL Low Input Index mer, Plate 1, ILM	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have			

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appropriate containment, be avoid environmental containation. See Section 10 for incompatible materials before handling or use. SSel XT HS and XT Low Input Cancer All-In-On- Lung, 98 Reactions Store in accordance with local regulations. Store in original container protected from direct surlight in a dyr, cool and container protected from direct surlight in a dyr, cool and protein leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental containation. See Section 10 for incompatible materials before handling or use. 7.3 Specific end use(s) : Recommendations : End Repair-A Tailing Enzyme Mix End Repair-A Tailing Bid DNA Ligase Industrial applications, Professional applications. Industrial applications, Professional applications. Industrial applications, Professional applications, Professional applications, Professional applications, Network Pirmer Network Pirmer Network Pirmer 100 mM ANTP Mix (25 mM each ANTP) Industrial applications, Professional applications, Professional applications, Professional applications, Professional applications, Network Pirmer SureSelect Wash Buffer 1 Industrial applications, Professional applications, Num each ANTP) Industrial applications, Professional applications, Network Pirmer Network Pirmer 1 Industrial applications, Professional applications, Num each ANTP) Industrial applications, Professional applications, Network Pirmer 1 Industrial applications, Professional applications, Nutsrial applications, Professional applications, Nutsrial applications, Professional applications, Nutsrial applications, Professional applications, Nutsvaliable, Nutsrial applications, Profession	SECTION 7: Handlin	ng and storage	
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SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 ReactionsIndustrial applications, Professional applications.Industrial sector specific solutions: End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation BufferNot available.T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA PolymeraseNot available.Not available. Not available.Not available.SolutionsEnd Repair-A Tailing Buffer T4 DNA Ligase DO model application Buffer Not available.Not available. Not available. Not available. Not available.Not available.Proverd Primer MO tavailable.Not available.Not available. Not available. Not available.Not available.PolymeraseNot available.Not available. Not available.Not available.Not available. N		SureSelect RNase Block SureSelect Post-Capture	
Industrial sector specific solutionsSSel XT HS and XT Low Input Cancer All-In-One Lung, 96 ReactionsIndustrial applications, Professional applications.Industrial sector specific 		SSEL Low Input Index	Industrial applications, Professional applications.
solutions Enzyme Mix End Repair-A Tailing Not available. Buffer T4 DNA Ligase Not available. Ligation Buffer Not available. Adaptor Oligo Mix Not available. Forward Primer Not available. 100 mM dNTP Mix (25 Not available. mM each dNTP) Herculase II Fusion DNA Polymerase Not available.		SSel XT HS and XT Low Input Cancer All-In-One	Industrial applications, Professional applications.
End Repair-A TailingNot available.BufferT4 DNA LigaseNot available.Ligation BufferNot available.Adaptor Oligo MixNot available.Forward PrimerNot available.100 mM dNTP Mix (25Not available.mM each dNTP)Herculase II Fusion DNAHor available.Not available.			Not available.
Ligation BufferNot available.Adaptor Oligo MixNot available.Forward PrimerNot available.100 mM dNTP Mix (25Not available.mM each dNTP)Herculase II Fusion DNAHorgeneseNot available.		End Repair-A Tailing	Not available.
Adaptor Oligo MixNot available.Forward PrimerNot available.100 mM dNTP Mix (25Not available.mM each dNTP)Herculase II Fusion DNAHorymeraseNot available.		T4 DNA Ligase	
Forward Primer Not available. 100 mM dNTP Mix (25 Not available. mM each dNTP) Herculase II Fusion DNA Not available. Polymerase			
100 mM dNTP Mix (25 Not available. mM each dNTP) Herculase II Fusion DNA Not available. Polymerase			
mM each dNTP) Herculase II Fusion DNA Not available. Polymerase			
		mM each dNTP) Herculase II Fusion DNA	
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SECTION 7: Handling and storage

•	
5X Herculase II Reaction Buffer	Not available.
SureSelect Binding	Not available.
Buffer	N N N N N N N N N N
SureSelect Wash Buffer 1	Not available.
SureSelect Wash Buffer 2	Not available.
SureSelect XT HS and	Not available.
XT Low Input Blocker Mix SureSelect Fast	Not available.
Hybridization Buffer	
SureSelect RNase Block	Not available.
SureSelect Post-Capture Primer Mix	Not available.
SSEL Low Input Index Primer, Plate 1, ILM	Not available.
SSel XT HS and XT Low Input Cancer All-In-One	Not available.
Lung, 96 Reactions	

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Product/ingredient name	Exposure limit values
End Repair-A Tailing Enzyme Mix	
Glycerol	EH40/2005 WELs (United Kingdom (UK), 1/2020). TWA: 10 mg/m³ 8 hours. Form: Mist
T4 DNA Ligase	
Glycerol	EH40/2005 WELs (United Kingdom (UK), 1/2020). TWA: 10 mg/m³ 8 hours. Form: Mist
Ligation Buffer	
Glycerol	EH40/2005 WELs (United Kingdom (UK), 1/2020). TWA: 10 mg/m³ 8 hours. Form: Mist
Herculase II Fusion DNA Polymerase	
Glycerol	EH40/2005 WELs (United Kingdom (UK), 1/2020). TWA: 10 mg/m³ 8 hours. Form: Mist
SureSelect RNase Block Glycerol	EH40/2005 WELs (United Kingdom (UK), 1/2020). TWA: 10 mg/m³ 8 hours. Form: Mist
SSel XT HS and XT Low Input Cancer All-In- One Lung, 96 Reactions	
Glycerol	EH40/2005 WELs (United Kingdom (UK), 1/2020). TWA: 10 mg/m³ 8 hours. Form: Mist
monitoring procedures atmosphere or bi the ventilation or protective equipm following: Europe assessment of ex values and meas atmospheres - G exposure to cher	ntains ingredients with exposure limits, personal, workplace ological monitoring may be required to determine the effectiveness of other control measures and/or the necessity to use respiratory nent. Reference should be made to monitoring standards, such as the ean Standard EN 689 (Workplace atmospheres - Guidance for the xposure by inhalation to chemical agents for comparison with limit surement strategy) European Standard EN 14042 (Workplace uide for the application and use of procedures for the assessment of nical and biological agents) European Standard EN 482 (Workplace eneral requirements for the performance of procedures for the

SECTION 8: Exposure controls/personal protection

measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Product/ingredient name	Туре	Exposure	Value	Population	Effects
5X Herculase II Reaction Buffer					
Trometamol	DNEL	Long term Oral	8.3 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term	29 mg/m³	General	Systemic
		Inhalation		population	Curatamia
	DNEL	Long term Dermal	83.3 mg/kg bw/day	General population	Systemic
	DNEL	Long term	117.5 mg/	Workers	Systemic
		Inhalation	m ³	WOINCIS	Oysternie
	DNEL	Long term Dermal	166.7 mg/	Workers	Systemic
			kg bw/day		-,
Ammonium sulphate	DNEL	Long term	1.667 mg/	General	Systemic
		Inhalation	m³	population	-
	DNEL	Long term Oral	6.4 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term	11.167 mg/	Workers	Systemic
	DNEL	Inhalation	m ³ 12.8 mg/kg	General	Svetemie
	DINEL	Long term Dermal	bw/day	population	Systemic
	DNEL	Long term Dermal	42.667 mg/	Workers	Systemic
	DINEL	Long torm Dorman	kg bw/day	Wonters	Cysternio
SureSelect Binding Buffer					
Sodium chloride	DNEL	Short term Oral	126.65 mg/	General	Systemic
			kg bw/day	population	
	DNEL	Long term Oral	126.65 mg/	General	Systemic
			kg bw/day	population	
	DNEL	Short term Dermal	126.65 mg/	General	Systemic
	DNEL	Long term Dermal	kg bw/day 126.65 mg/	population General	Systemic
	DINEL	Long term Dermal	kg bw/day	population	Systemic
	DNEL	Short term Dermal	295.52 mg/	Workers	Systemic
		Street to the Bonnia	kg bw/day		- ,
	DNEL	Long term Dermal	295.52 mg/	Workers	Systemic
		Ū	kg bw/day		
	DNEL	Short term	443.28 mg/	General	Systemic
		Inhalation	m³	population	
	DNEL	Long term	443.28 mg/	General	Systemic
		Inhalation	m ³	population	Quatamic
	DNEL	Short term	2068.62	Workers	Systemic
	DNEL	Inhalation Long term	mg/m ³ 2068.62	Workers	Systemic
		Inhalation	2008.02 mg/m ³		Gysternic
			<u>9</u> /		

PNECs

No PNECs available

8.2 Exposure controls	
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Individual protection meas	s <mark>ures</mark>
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

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SECTION 8: Exposure controls/personal protection

Eye/face protection	:	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection		
Hand protection	1	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection	1	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection	:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

<u>earance</u>		
Physical state	: End Repair-A Tailing Enzyme Mix	Liquid.
	End Repair-A Tailing Buffer	Liquid.
	T4 DNA Ligase	Liquid.
	Ligation Buffer	Liquid.
	Adaptor Oligo Mix	Liquid.
	Forward Primer	Liquid.
	100 mM dNTP Mix (25 mM each dNTP)	Liquid.
	Herculase II Fusion DNA Polymerase	Liquid.
	5X Herculase II Reaction Buffer	Liquid.
	SureSelect Binding Buffer	Liquid.
	SureSelect Wash Buffer 1	Liquid.
	SureSelect Wash Buffer 2	Liquid.
	SureSelect XT HS and XT Low Input Blocker Mix	Liquid.
	SureSelect Fast Hybridization Buffer	Liquid.
	SureSelect RNase Block	Liquid.
	SureSelect Post-Capture Primer Mix	Liquid.
	SSEL Low Input Index Primer, Plate 1, ILM	Liquid.
	SSel XT HS and XT Low Input Cancer All-In-One	Liquid.

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MixNot available.MixNot available.erNot available.P Mix (25Not available.P)Iusion DNAII ReactionNot available.II ReactionNot available.ash BufferNot available.ash BufferNot available.If HS andNot available.Blocker MixNot available.BufferNot available.BufferNot available.BufferNot available.BufferNot available.BufferNot available.BufferNot available.BufferNot available.BufferNot available.bufferNot available.but IndexNot available.1, ILMNot available.nd XT LowNot available.
MixNot available.erNot available.P Mix (25Not available.P Mix (25Not available.P Mix (25Not available.P Mix (25Not available.II ReactionNot available.II ReactionNot available.ash BufferNot available.ash BufferNot available.F HS and Blocker Mix astNot available.Buffer Not available.Not available.Buffer Not available.Not available.Buffer Not available.Not available.Buffer Nase Block Not available.Not available.Not available.Not available.Buffer Nase Block Not available.Not available.
MixNot available.erNot available.P Mix (25Not available.P ission DNANot available.II ReactionNot available.II ReactionNot available.ash BufferNot available.ash BufferNot available.F HS and Blocker Mix astNot available.Buffer Not available.Not available.Buffer Nase BlockNot available.
MixNot available.erNot available.P Mix (25Not available.P isNot available.P isNot available.II ReactionNot available.II ReactionNot available.ash BufferNot available.ash BufferNot available.I HS and Blocker Mix astNot available.Blocker Mix BufferNot available.
MixNot available.erNot available.P Mix (25Not available.P isNot available.P isNot available.II ReactionNot available.ndingNot available.ash BufferNot available.ash BufferNot available.IT HS and Blocker Mix astNot available.Not available.Not available.
MixNot available.erNot available.P Mix (25Not available.P)Irusion DNANot available.II ReactionNot available.ndingNot available.ash BufferNot available.ash BufferNot available.T HS andNot available.
MixNot available.erNot available.P Mix (25Not available.P)Iusion DNAII ReactionNot available.ndingNot available.ash BufferNot available.ash BufferNot available.
MixNot available.erNot available.P Mix (25Not available.P)Iusion DNAII ReactionNot available.ndingNot available.ash BufferNot available.
MixNot available.erNot available.P Mix (25Not available.P in the section DNANot available.II ReactionNot available.IndingNot available.
MixNot available.erNot available.P Mix (25Not available.P)
MixNot available.erNot available.P Mix (25Not available.P)
Mix Not available. er Not available. P Mix (25 Not available. PP) Fusion DNA Not available.
Mix Not available. er Not available. P Mix (25 Not available. P)
MixNot available.erNot available.P Mix (25Not available.
Mix Not available. er Not available.
Mix Not available.
r Not available.
e Not available.
Tailing Not available.
Tailing Not available.
ctions
nd XT Low Not available. All-In-One
1, ILM
but Index Not available.
ost-Capture Not available.
Nase Block Not available.
Buffer
Blocker Mix ast Not available.
THS and Not available.
ash Buffer Not available.
ash Buffer Not available.
nding Not available.
Il Reaction Not available.
P) iusion DNA Not available.
P Mix (25 Not available.
er Not available.
r Not available. Mix Not available.
e Not available.
-
Tailing Not available.
Tailing Not available.
ctions

CECTION 5.1 Hysical			
	Input Cancer All-In-One Lung, 96 Reactions		
Odour threshold :	End Repair-A Tailing Enzyme Mix	Not available.	
	End Repair-A Tailing Buffer	Not available.	
	T4 DNA Ligase	Not available.	
	Ligation Buffer	Not available.	
	Adaptor Oligo Mix	Not available.	
	Forward Primer	Not available.	
	100 mM dNTP Mix (25 mM each dNTP)	Not available.	
	Herculase II Fusion DNA Polymerase	Not available.	
	5X Herculase II Reaction Buffer	Not available.	
	SureSelect Binding Buffer	Not available.	
	SureSelect Wash Buffer	Not available.	
	SureSelect Wash Buffer	Not available.	
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.	
	SureSelect Fast Hybridization Buffer	Not available.	
	SureSelect RNase Block	Not available.	
	SureSelect Post-Capture Primer Mix	Not available.	
	SSEL Low Input Index Primer, Plate 1, ILM	Not available.	
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.	
Melting point/freezing :	End Repair-A Tailing	Not available.	
point	Enzyme Mix End Repair-A Tailing	0°C	
	Buffer		
	T4 DNA Ligase	Not available.	
	Ligation Buffer	Not available.	
	Adaptor Oligo Mix	0°C	
	Forward Primer	0°C	
	100 mM dNTP Mix (25	Not available.	
	mM each dNTP)		
	Herculase II Fusion DNA Polymerase	Not available.	
	5X Herculase II Reaction Buffer	Not available.	
	SureSelect Binding Buffer	Not available.	
	SureSelect Wash Buffer	0°C	
	SureSelect Wash Buffer 2	O°C	
	SureSelect XT HS and XT Low Input Blocker Mix	O°C	
	SureSelect Fast Hybridization Buffer	Not available.	
	SureSelect RNase Block	Not available.	
	SureSelect Post-Capture Primer Mix	0°C	
	SSEL Low Input Index Primer, Plate 1, ILM	O°C	
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OPOLION 3. 1 Hysical	and chemical prop		
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	0°C	
Initial boiling point and :	End Repair-A Tailing	Not available.	
boiling range	Enzyme Mix End Repair-A Tailing Buffer	100°C (212°F)	
	T4 DNA Ligase	Not available.	
	Ligation Buffer	Not available.	
	Adaptor Oligo Mix	100°C (212°F)	
	Forward Primer	100°C (212°F)	
	100 mM dNTP Mix (25 mM each dNTP)	Not available.	
	Herculase II Fusion DNA Polymerase	Not available.	
	5X Herculase II Reaction Buffer	Not available.	
	SureSelect Binding Buffer	Not available.	
	SureSelect Wash Buffer 1	100°C (212°F)	
	SureSelect Wash Buffer	100°C (212°F)	
	SureSelect XT HS and XT Low Input Blocker Mix	100°C (212°F)	
	SureSelect Fast Hybridization Buffer	Not available.	
	SureSelect RNase Block	Not available.	
	SureSelect Post-Capture Primer Mix	100°C (212°F)	
	SSEL Low Input Index Primer, Plate 1, ILM	100°C (212°F)	
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	100°C (212°F)	
Flammability (solid, gas) :	End Repair-A Tailing Enzyme Mix	Not applicable.	
	End Repair-A Tailing Buffer	Not applicable.	
	T4 DNA Ligase	Not applicable.	
	Ligation Buffer	Not applicable.	
	Adaptor Oligo Mix	Not applicable.	
	Forward Primer	Not applicable.	
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.	
	Herculase II Fusion DNA Polymerase	Not applicable.	
	5X Herculase II Reaction Buffer	Not applicable.	
	SureSelect Binding Buffer SureSelect Wash Buffer	Not applicable.	
	1 SureSelect Wash Buffer	Not applicable.	
	2 SureSelect XT HS and	Not applicable.	
	XT Low Input Blocker Mix SureSelect Fast	Not applicable.	
	Hybridization Buffer		
	SureSelect RNase Block SureSelect Post-Capture	Not applicable. Not applicable.	
	Primer Mix SSEL Low Input Index	Not applicable.	
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SECTION 9: Physical and chemical properties

Primer, Plate 1, ILM

	SSel XT HS and XT Input Cancer All-In-C Lung, 96 Reactions		ot applicab	le.				
Upper/lower flammability or explosive limits	: End Repair-A Tailing Enzyme Mix	I N	ot available	Э.				
	End Repair-A Tailing Buffer	j N	ot available	Э.				
	T4 DNA Ligase	N	ot available	Э.				
	Ligation Buffer		Not available.					
	Adaptor Oligo Mix		ot available					
	Forward Primer 100 mM dNTP Mix (2 mM cases dNTD)		ot available ot available					
	mM each dNTP) Herculase II Fusion I Polymerase	DNA N	ot available	Э.				
	5X Herculase II Rea Buffer	ction N	ot available	Э.				
	SureSelect Binding Buffer	Ν	ot available	Э.				
	SureSelect Wash Bu	ıffer N	ot available	э.				
	SureSelect Wash Bu 2	ıffer N	ot available	Э.				
	SureSelect XT HS an XT Low Input Blocke							
	SureSelect Fast Hybridization Buffer		ot available	Э.				
	SureSelect RNase B		ot available					
	SureSelect Post-Cap Primer Mix	oture N	ot available	Э.				
	SSEL Low Input Index Not available.							
	Primer, Plate 1, ILM SSel XT HS and XT Input Cancer All-In-C		ot available	Э.				
Flash point	Lung, 96 Reactions		Closed cup			Open cup		
	Ingredient name	°C	°F	Method	°C	°F	Method	
	Find Repair-A Tailing Enzyme Mix							
	(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230					
	Glycerol				177	350.6		
	End Repair-A Tailing Buffer							
	(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230					
	T4 DNA Ligase							
	(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230					
	Glycerol				177	350.6		
	Ligation Buffer							
	(R*,R*)	>110	>230					

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l and chemical p	nopert	162				
-1,4-Dimercaptobutane- 2,3-diol						
Polyethylene glycol	171 to 235	339.8 to 455		199 to 238	390.2 to 460.4	
Adaptor Oligo Mix						
Edetic acid	>100	>212	DIN 51758			
Forward Primer						
Edetic acid	>100	>212	DIN 51758			
100 mM dNTP Mix (25 mM each dNTP)						
Edetic acid	>100	>212	DIN 51758			
Herculase II Fusion DNA Polymerase						
Edetic acid	>100	>212	DIN 51758			
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
SureSelect Binding Buffer						
Edetic acid	>100	>212	DIN 51758			
SureSelect Wash Buffer 1						
Citric acid, trisodium salt, dihydrate	>100	>212				
SureSelect Wash Buffer 2						
Citric acid, trisodium salt, dihydrate	>100	>212				
SureSelect XT HS and XT Low Input Blocker Mix						
Edetic acid	>100	>212	DIN 51758			
SureSelect RNase Block						
(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230				
Glycerol				177	350.6	
SureSelect Post- Capture Primer Mix						
Edetic acid	>100	>212	DIN 51758			
SSEL Low Input Index Primer, Plate 1, ILM						
Edetic acid	>100	>212	DIN 51758			
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	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions					
	Edetic acid	>100	>212	DIN 51758		
	(R*,R*) -1,4-Dimercaptobutane- 2,3-diol	>110	>230			
Auto-ignition	: Ingredient name		°C	°F	Method	
emperature	End Repair-A Tailing Enz	yme Mix				
	Glycerol		370	698		
	T4 DNA Ligase					
	Glycerol		370	698		
	Ligation Buffer					
	Polyethylene glycol	360	680			
	Glycerol	Glycerol				
	Adaptor Oligo Mix					
	Edetic acid	>400	>752	VDI 2263		
	Forward Primer					
	Edetic acid	>400	>752	VDI 2263		
	100 mM dNTP Mix (25 mM dNTP)					
	Edetic acid	>400	>752	VDI 2263		
	Herculase II Fusion DNA					
	Glycerol		370	698		
	Edetic acid	>400	>752	VDI 2263		
	SureSelect Binding Buffe					
	Edetic acid	>400	>752	VDI 2263		
	SureSelect Wash Buffer	1				
	Sodium dodecyl sulphate	Sodium dodecyl sulphate			VDI 2263	
	SureSelect Wash Buffer	2				
	Sodium dodecyl sulphate		310.5	590.9	VDI 2263	
	SureSelect XT HS and XT Blocker Mix					
	Edetic acid	>400	>752	VDI 2263		
	SureSelect RNase Block					
	Glycerol	370	698			
	4-(2-Hydroxyethyl)piperazin 1-ylethanesulphonic acid	>400	>752	EU A.16		
	SureSelect Post-Capture	Primer Mix	:			
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-	Edetic acid	>400	>752	VDI 2263	
	SSEL Low Input Index Primer, ILM	Plate 1,			
	Edetic acid	>400	>752	VDI 2263	
	SSel XT HS and XT Low Input All-In-One Lung, 96 Reactions	Cancer			
	Glycerol	370	698		
	4-(2-Hydroxyethyl)piperazin- 1-ylethanesulphonic acid	>400	>752	EU A.16	
Decomposition temperature	: End Repair-A Tailing Enzyme Mix	Not available.			
tomporataro	End Repair-A Tailing Buffer	Not available.			
	T4 DNA Ligase Ligation Buffer	Not available. Not available.			
	Adaptor Oligo Mix	Not available.			
	Forward Primer	Not available.			
	100 mM dNTP Mix (25 mM each dNTP)	Not available.			
	Herculase II Fusion DNA Polymerase	Not available.			
	5X Herculase II Reaction Buffer	Not available.			
	SureSelect Binding Buffer	Not available.			
	SureSelect Wash Buffer	Not available.			
	SureSelect Wash Buffer 2	Not available.			
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.			
	SureSelect Fast Hybridization Buffer	Not available.			
	SureSelect RNase Block	Not available.			
	SureSelect Post-Capture Primer Mix	Not available.			
	SSEL Low Input Index Primer, Plate 1, ILM	Not available.			
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.			
рН	: End Repair-A Tailing Enzyme Mix	6.5			
	End Repair-A Tailing Buffer	8			
	T4 DNA Ligase	7.5			
	Ligation Buffer	8			
	Adaptor Oligo Mix	7.5			
	Forward Primer	7.5			
	100 mM dNTP Mix (25 mM each dNTP)	7.5			
	Herculase II Fusion DNA	8.2			
	Polymerase 5X Herculase II Reaction	9.5 to 10.5			
	Buffer SureSelect Binding	7.5			
	Buffer SureSelect Wash Buffer 1	7.5			
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	SureSelect Wash Buffer	7
	2 SureSelect XT HS and	7.5
	XT Low Input Blocker Mix	1.0
	SureSelect Fast	Not available.
	Hybridization Buffer	7.0
	SureSelect RNase Block	7.6
	SureSelect Post-Capture	7.5
	Primer Mix SSEL Low Input Index	7.5
	Primer, Plate 1, ILM	1.0
	SSel XT HS and XT Low	Not available.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Viscosity	: End Repair-A Tailing	Not available.
-	Enzyme Mix	
	End Repair-A Tailing	Not available.
	Buffer	
	T4 DNA Ligase	Not available.
	Ligation Buffer Adaptor Oligo Mix	Not available. Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25	Not available.
	mM each dNTP)	
	Herculase II Fusion DNA	Not available.
	Polymerase	
	5X Herculase II Reaction	Not available.
	Buffer	N1 4
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer	Not available.
	1	
	SureSelect Wash Buffer	Not available.
	2	
	SureSelect XT HS and	Not available.
	XT Low Input Blocker Mix	Net evoluble
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Not available.
	SureSelect Post-Capture	Not available.
	Primer Mix	
	SSEL Low Input Index	Not available.
	Primer, Plate 1, ILM	
	SSel XT HS and XT Low	Not available.
	Input Cancer All-In-One Lung, 96 Reactions	
	0,	
Solubility(ies)	End Repair-A Tailing	Easily soluble in the following materials: cold water and hot
	Enzyme Mix	water.
	End Repair-A Tailing Buffer	Easily soluble in the following materials: cold water and hot water.
	T4 DNA Ligase	Easily soluble in the following materials: cold water and hot
	T D T T LIGACO	water.
	Ligation Buffer	Easily soluble in the following materials: cold water and hot
	-	water.
	Adaptor Oligo Mix	Easily soluble in the following materials: cold water and hot
		water.
	Forward Primer	Easily soluble in the following materials: cold water and hot
	100 mM dNTP Mix (25	water. Easily soluble in the following materials: cold water and hot
	mM each dNTP)	water.
	Herculase II Fusion DNA	Easily soluble in the following materials: cold water and hot
	Polymerase	water.
	5X Herculase II Reaction	Easily soluble in the following materials: cold water and hot
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		+0/1 L

SECTION 9: Physical and chemical properties

		-						
Partition coefficient: n- octanol/water	Buffer SureSelect Binding Buffer SureSelect Wash Buff 1 SureSelect Wash Buff 2 SureSelect Wash Buff 2 SureSelect XT HS and XT Low Input Blocker SureSelect Fast Hybridization Buffer SureSelect Post-Capte Primer Mix SSEL Low Input Index Primer, Plate 1, ILM SSel XT HS and XT Lo Input Cancer All-In-On Lung, 96 Reactions End Repair-A Tailing Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25)	Ea Wa Fer Ea Mix Wa Dix Wa Mix	ater. asily soluble ater. asily soluble ater. asily soluble ater. asily soluble ater. asily soluble ater. asily soluble ater. asily soluble ater.	e in the follow e in the follow e. e. e. e. e.	ing mater ing mater ing mater ing mater ing mater ing mater	ials: cold v ials: cold v ials: cold v ials: cold v ials: cold v ials: cold v	water and hot water and hot	
	mM each dNTP)							
	Herculase II Fusion DI Polymerase	NA No	ot applicabl	e.				
	5X Herculase II React Buffer		ot applicabl					
	SureSelect Binding Buffer SureSelect Wash Buff		ot applicabl					
	1							
	SureSelect Wash Buff 2	er No	ot applicabl	e.				
	SureSelect XT HS and XT Low Input Blocker		ot applicabl	e.				
	SureSelect Fast		ot applicabl	e.				
	Hybridization Buffer SureSelect RNase Blo		ot applicabl					
	SureSelect Post-Capto Primer Mix	ure No	ot applicabl	e.				
	SSEL Low Input Index Primer, Plate 1, ILM	: No	Not applicable.					
	SSel XT HS and XT L		ot applicabl	e.				
	Input Cancer All-In-On Lung, 96 Reactions	ne						
Vapour pressure	:	Vapo	ur Pressur	e at 20°C	Va	pour pres	sure at 50°C	
	Ingredient name	mm Hç	j kPa	Method	mm Hg	kPa	Method	

SECTION 9: Physical and chemical properties

Date of issue/Date of revision

I and chemical p	ropert	ies				
End Repair-A Tailing Enzyme Mix						
water	23.8	3.2		92.258	12.3	
Adenosine 5'- (tetrahydrogen triphosphate), disodium salt	<0.00075006	<0.0001		<0.00075006	<0.0001	
End Repair-A Tailing Buffer						
water	23.8	3.2		92.258	12.3	
Adenosine 5'- (tetrahydrogen triphosphate), disodium salt	<0.00075006	<0.0001		<0.00075006	<0.0001	
T4 DNA Ligase						
water	23.8	3.2		92.258	12.3	
Glycerol	0.000075	0.00001		0.0025	0.00033	
Ligation Buffer						
water	23.8	3.2		92.258	12.3	
Glycerol	0.000075	0.00001		0.0025	0.00033	
Adaptor Oligo Mix						
water	23.8	3.2		92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
Forward Primer						
water	23.8	3.2		92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
100 mM dNTP Mix (25 mM each dNTP)						
water	23.8	3.2		92.258	12.3	
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036		0.000007501	0.000001	
Herculase II Fusion DNA Polymerase						
water	23.8	3.2		92.258	12.3	
Glycerol	0.000075	0.00001		0.0025	0.00033	
5X Herculase II Reaction Buffer						
water	23.8	3.2		92.258	12.3	
Sulfuric acid, magnesium salt, hydrate (1:1:7)	<0.1	<0.013				
SureSelect Binding						
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and chemical p	ropert	ies		
Buffer				
water	23.8	3.2	92.258	12.3
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
SureSelect Wash Buffer 1				
water	23.8	3.2	92.258	12.3
Sodium dodecyl sulphate	≤0.0013501	≤0.00018		
SureSelect Wash Buffer 2				
water	23.8	3.2	92.258	12.3
Sodium dodecyl sulphate	≤0.0013501	≤0.00018		
SureSelect XT HS and XT Low Input Blocker Mix				
water	23.8	3.2	92.258	12.3
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
SureSelect Fast Hybridization Buffer				
water	23.8	3.2	92.258	12.3
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
SureSelect RNase Block				
water	23.8	3.2	92.258	12.3
Glycerol	0.000075	0.00001	0.0025	0.00033
SureSelect Post- Capture Primer Mix				
water	23.8	3.2	92.258	12.3
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
SSEL Low Input Index Primer, Plate 1, ILM				
water	23.8	3.2	92.258	12.3
2-Amino-2- (hydroxymethyl)propane- 1,3-diol hydrochloride	0.000027	0.0000036	0.000007501	0.000001
SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions				
water	23.8	3.2	92.258	12.3
Glycerol	0.000075	0.00001	0.0025	0.00033

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Evaporation rate	: End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing	Not available.
	Buffer	
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25	Not available.
	mM each dNTP)	
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction Buffer	Not available.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast	Not available.
	Hybridization Buffer SureSelect RNase Block	Not available.
	SureSelect Post-Capture	Not available.
	Primer Mix SSEL Low Input Index	Not available.
	Primer, Plate 1, ILM	Natavailabla
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.
Relative density	: End Repair-A Tailing	Not available.
Relative density		Not available.
	Enzyme Mix End Repair-A Tailing	Not available.
	Enzyme Mix End Repair-A Tailing Buffer	Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase	Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer	Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix	Not available. Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer	Not available. Not available. Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25	Not available. Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA	Not available. Not available. Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction	Not available. Not available. Not available. Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer	Not available. Not available. Not available. Not available. Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction	Not available. Not available. Not available. Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding	Not available. Not available. Not available. Not available. Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer	Not available. Not available. Not available. Not available. Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and	Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast	Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture	Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture Primer Mix SSEL Low Input Index	Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture Primer Mix SSEL Low Input Index Primer, Plate 1, ILM	Not available. Not available.
	Enzyme Mix End Repair-A Tailing Buffer T4 DNA Ligase Ligation Buffer Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer SureSelect RNase Block SureSelect Post-Capture Primer Mix SSEL Low Input Index	Not available. Not available.

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	Lung OG Desetions			
	Lung, 96 Reactions			
Vapour density	: End Repair-A Tailing Enzyme Mix	Not available.		
	End Repair-A Tailing Buffer	Not available.		
	T4 DNA Ligase	Not available.		
	Ligation Buffer	Not available.		
	Adaptor Oligo Mix	Not available.		
	Forward Primer	Not available.		
	100 mM dNTP Mix (25	Not available.		
	mM each dNTP) Herculase II Fusion DNA	Not available.		
	Polymerase 5X Herculase II Reaction	Not available.		
	Buffer SureSelect Binding	Not available.		
	Buffer SureSelect Wash Buffer	Not available.		
	1 SureSelect Wash Buffer	Not available.		
	2 SureSelect XT HS and	Not available.		
	XT Low Input Blocker Mix SureSelect Fast	Not available.		
	Hybridization Buffer			
	SureSelect RNase Block	Not available.		
	SureSelect Post-Capture Primer Mix	Not available.		
	SSEL Low Input Index Primer, Plate 1, ILM	Not available.		
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not available.		
Oxidising properties	: End Repair-A Tailing	Not available.		
	Enzyme Mix End Repair-A Tailing	Not available.		
	Buffer	Natavalahla		
	T4 DNA Ligase	Not available.		
	Ligation Buffer Adaptor Oligo Mix	Not available. Not available.		
	Forward Primer	Not available.		
	100 mM dNTP Mix (25	Not available.		
	mM each dNTP)			
	Herculase II Fusion DNA Polymerase	Not available.		
	5X Herculase II Reaction Buffer	Not available.		
	SureSelect Binding Buffer	Not available.		
	SureSelect Wash Buffer 1	Not available.		
	SureSelect Wash Buffer 2	Not available.		
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.		
	SureSelect Fast Hybridization Buffer	Not available.		
	SureSelect RNase Block	Not available.		
	SureSelect Post-Capture	Not available.		
	Primer Mix			
	SSEL Low Input Index Primer, Plate 1, ILM	Not available.		
	SSel XT HS and XT Low	Not available.		
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SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 9: Physical and chemical properties

	Input Cancer All-In-One Lung, 96 Reactions	
Particle characteristics		
Median particle size :	End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM each dNTP)	Not applicable.
	Herculase II Fusion DNA Polymerase	Not applicable.
		Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT Low Input Blocker Mix	Not applicable.
	SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer Mix	Not applicable.
	SSEL Low Input Index Primer, Plate 1, ILM	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	Not applicable.

9.2 Other information

No additional information.

	• •	
10.1 Reactivity	: End Repair-A Tailing Enzyme Mix	No specific test data related to reactivity available for this product or its ingredients.
	End Repair-A Tailing Buffer	No specific test data related to reactivity available for this product or its ingredients.
	T4 DNA Ligase	No specific test data related to reactivity available for this product or its ingredients.
	Ligation Buffer	No specific test data related to reactivity available for this product or its ingredients.
	Adaptor Oligo Mix	No specific test data related to reactivity available for this product or its ingredients.
	Forward Primer	No specific test data related to reactivity available for this product or its ingredients.
	100 mM dNTP Mix (25 mM each dNTP)	No specific test data related to reactivity available for this product or its ingredients.
	Herculase II Fusion DNA Polymerase	
	5X Herculase II Reaction Buffer	
	SureSelect Binding Buffer	No specific test data related to reactivity available for this product or its ingredients.
	SureSelect Wash Buffer	No specific test data related to reactivity available for this

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

	, ,	
	1	product or its ingredients.
	SureSelect Wash Buffer	No specific test data related to reactivity available for this
	2	product or its ingredients.
	SureSelect XT HS and	No specific test data related to reactivity available for this
		c product or its ingredients.
	SureSelect Fast	No specific test data related to reactivity available for this
	Hybridization Buffer	product or its ingredients.
	SureSelect RNase Block	No specific test data related to reactivity available for this
		product or its ingredients.
	SureSelect Post-Capture	No specific test data related to reactivity available for this
	Primer Mix	product or its ingredients.
	SSEL Low Input Index	No specific test data related to reactivity available for this
	Primer, Plate 1, ILM	product or its ingredients.
	SSel XT HS and XT Low	No specific test data related to reactivity available for this
	Input Cancer All-In-One	product or its ingredients.
	Lung, 96 Reactions	
10.2 Chomical stability	: End Repair-A Tailing	The product is stable.
10.2 Chemical stability	Enzyme Mix	The product is stable.
	End Repair-A Tailing	The product is stable.
	Buffer	
	T4 DNA Ligase	The product is stable.
	Ligation Buffer	The product is stable.
	Adaptor Oligo Mix	The product is stable.
	Forward Primer	The product is stable.
	100 mM dNTP Mix (25	The product is stable.
	mM each dNTP)	
	Herculase II Fusion DNA	The product is stable.
	Polymerase	
	5X Herculase II Reaction	The product is stable.
	Buffer	•
	SureSelect Binding	The product is stable.
	Buffer	•
	SureSelect Wash Buffer	The product is stable.
	1	
	SureSelect Wash Buffer	The product is stable.
	2	
	SureSelect XT HS and	The product is stable.
	XT Low Input Blocker Mix	
	SureSelect Fast	The product is stable.
	Hybridization Buffer	
	SureSelect RNase Block	The product is stable.
	SureSelect Post-Capture	The product is stable.
	Primer Mix	
	SSEL Low Input Index	The product is stable.
	Primer, Plate 1, ILM	
	SSel XT HS and XT Low	The product is stable.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
10.3 Possibility of	: End Repair-A Tailing	Under normal conditions of storage and use, hazardous
hazardous reactions	Enzyme Mix	reactions will not occur.
	End Repair-A Tailing	Under normal conditions of storage and use, hazardous
	Buffer	reactions will not occur.
	T4 DNA Ligase	Under normal conditions of storage and use, hazardous
	5	reactions will not occur.
	Ligation Buffer	Under normal conditions of storage and use, hazardous
	5	reactions will not occur.
	Adaptor Oligo Mix	Under normal conditions of storage and use, hazardous
		reactions will not occur.
	Forward Primer	Under normal conditions of storage and use, hazardous
		reactions will not occur.

	and reactivity	
	100 mM dNTP Mix (25 mM each dNTP)	Under normal conditions of storage and use, hazardous reactions will not occur.
	Herculase II Fusion DNA	Under normal conditions of storage and use, hazardous
	Polymerase	reactions will not occur.
	Buffer	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect Binding	Under normal conditions of storage and use, hazardous
	Buffer SureSelect Wash Buffer	reactions will not occur. Under normal conditions of storage and use, hazardous
	1	reactions will not occur.
	SureSelect Wash Buffer 2	Under normal conditions of storage and use, hazardous reactions will not occur.
	SureSelect XT HS and XT Low Input Blocker Mix	Under normal conditions of storage and use, hazardous
	SureSelect Fast	Under normal conditions of storage and use, hazardous
	Hybridization Buffer	reactions will not occur.
		Under normal conditions of storage and use, hazardous
	SureSelect Post-Canture	reactions will not occur. Under normal conditions of storage and use, hazardous
	Primer Mix	reactions will not occur.
	SSEL Low Input Index	Under normal conditions of storage and use, hazardous
	Primer, Plate 1, ILM	reactions will not occur.
	SSel XT HS and XT Low	Under normal conditions of storage and use, hazardous
	Input Cancer All-In-One Lung, 96 Reactions	reactions will not occur.
	Lung, oo reddiidho	
10.4 Conditions to avoid :	End Repair-A Tailing	No specific data.
	Enzyme Mix	
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding	No specific data.
	Buffer SureSelect Wash Buffer	No specific data.
	1	
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and	No specific data.
	XT Low Input Blocker Mix SureSelect Fast	No specific data.
	Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture Primer Mix	No specific data.
	SSEL Low Input Index	No specific data.
	Primer, Plate 1, ILM	
	SSel XT HS and XT Low	No specific data.
	Input Cancer All-In-One Lung, 96 Reactions	
	,	

10.5 Incompatible materials	: End Repair-A Tailing Enzyme Mix	May react or be incompatible with oxidising materials.
	End Repair-A Tailing Buffer	May react or be incompatible with oxidising materials.
	T4 DNA Ligase	May react or be incompatible with oxidising materials.
	Ligation Buffer	May react or be incompatible with oxidising materials.
	Adaptor Oligo Mix	May react or be incompatible with oxidising materials.
	Forward Primer	May react or be incompatible with oxidising materials.
	100 mM dNTP Mix (25 mM each dNTP)	May react or be incompatible with oxidising materials.
	Herculase II Fusion DNA Polymerase	May react or be incompatible with oxidising materials.
	5X Herculase II Reaction Buffer	May react or be incompatible with oxidising materials.
	SureSelect Binding Buffer	May react or be incompatible with oxidising materials.
	SureSelect Wash Buffer 1	May react or be incompatible with oxidising materials.
	SureSelect Wash Buffer 2	May react or be incompatible with oxidising materials.
	SureSelect XT HS and XT Low Input Blocker Mix	May react or be incompatible with oxidising materials.
	SureSelect Fast Hybridization Buffer	May react or be incompatible with oxidising materials.
	SureSelect RNase Block SureSelect Post-Capture Primer Mix	May react or be incompatible with oxidising materials. May react or be incompatible with oxidising materials.
	SSEL Low Input Index Primer, Plate 1, ILM	May react or be incompatible with oxidising materials.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	May react or be incompatible with oxidising materials.
10.6 Hazardous	: End Repair-A Tailing	Under normal conditions of storage and use, hazardous
decomposition products	Enzyme Mix	decomposition products should not be produced.
	End Repair-A Tailing	Under normal conditions of storage and use, hazardous
	Buffer	decomposition products should not be produced.
	T4 DNA Ligase	Under normal conditions of storage and use, hazardous
	Ligation Buffer	decomposition products should not be produced. Under normal conditions of storage and use, hazardous
	-	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Ligation Buffer Adaptor Oligo Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous
	Adaptor Oligo Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	-	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous
	Adaptor Oligo Mix Forward Primer	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP)	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.
	Adaptor Oligo Mix Forward Primer 100 mM dNTP Mix (25 mM each dNTP) Herculase II Fusion DNA Polymerase 5X Herculase II Reaction Buffer SureSelect Binding Buffer SureSelect Wash Buffer 1 SureSelect Wash Buffer 2 SureSelect XT HS and XT Low Input Blocker Mix SureSelect Fast	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 10: Stability and reactivity

SureSelect Post-CaptureUnPrimer MixdeSSEL Low Input IndexUnPrimer, Plate 1, ILMdeSSel XT HS and XT LowUnInput Cancer All-In-OnedeLung, 96 Reactionsde

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
5X Herculase II Reaction Buffer				
Trometamol Ammonium sulphate Hexadecan-1-ol, ethoxylated	LD50 Dermal LD50 Oral LD50 Oral	Rat Rat Rat	>5000 mg/kg 2840 mg/kg 2500 mg/kg	-
SureSelect Binding Buffer Sodium chloride	LD50 Oral	Rat	3000 mg/kg	-

Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapours) (mg/l)	Inhalation (dusts and mists) (mg/l)
5X Herculase II Reaction Buffer					
Ammonium sulphate	2840	N/A	N/A	N/A	N/A
Hexadecan-1-ol, ethoxylated	2500	N/A	N/A	N/A	N/A
SureSelect Binding Buffer					
Sodium chloride	3000	N/A	N/A	N/A	N/A

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
5X Herculase II Reaction					
Buffer					
Trometamol	Skin - Moderate irritant	Rabbit	-	25 %	-
	Skin - Severe irritant	Rabbit	-	500 mg	-
SureSelect Binding Buffer					
Sodium chloride	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-
				mg	
	Eyes - Moderate irritant	Rabbit	-	10 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 500	-
				mg	

<u>Sensitiser</u>

Conclusion/Summary	: Not available.
Mutagenicity	
Conclusion/Summary	: Not available.
Carcinogenicity	
Conclusion/Summary	: Not available.
Reproductive toxicity	
Conclusion/Summary	: Not available.
Teratogenicity	
Conclusion/Summary	: Not available.

Date of issue/Date of revision

: 19/04/2022 Date of previous issue

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SECTION 11: Toxicological information

Specific tar	get organ	toxicity	(single e	<u>xposure)</u>

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on likely : routes of exposure	End Repair-A Tailing Enzyme Mix	Routes of entry anticipated: Oral, Dermal, Inhalation.
	End Repair-A Tailing Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	T4 DNA Ligase	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Ligation Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Adaptor Oligo Mix	Not available.
	Forward Primer	Not available.
	100 mM dNTP Mix (25	Not available.
	mM each dNTP)	
	Herculase II Fusion DNA	Routes of entry anticipated: Oral, Dermal, Inhalation.
	Polymerase	
	5X Herculase II Reaction Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization Buffer	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect RNase Block	Routes of entry anticipated: Oral, Dermal, Inhalation.
	SureSelect Post-Capture Primer Mix	Not available.
	SSEL Low Input Index Primer, Plate 1, ILM	Not available.
	SSel XT HS and XT Low	Not available.
	Input Cancer All-In-One	
	Lung, 96 Reactions	
Potential acute health effects	<u>S</u>	
Inhalation :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.
	Herculase II Fusion DNA	No known significant effects or critical hazards.
	Polymerase	No known signmount chools of childu huzurus.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.

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	SureSelect XT HS and	No known significant effects	or critical hazards.
	XT Low Input Blocker Mix SureSelect Fast	No known significant effects	or critical hazards
	Hybridization Buffer	No known olgrinioant onoolo	or ontiour nuzuruo.
	SureSelect RNase Block	No known significant effects	
	SureSelect Post-Capture	No known significant effects	or critical hazards.
	Primer Mix SSEL Low Input Index	No known significant effects	or critical hazards
	Primer, Plate 1, ILM	No known significant enects	or critical flazards.
	SSel XT HS and XT Low	No known significant effects	or critical hazards.
	Input Cancer All-In-One		
	Lung, 96 Reactions		
Ingestion :	End Repair-A Tailing	No known significant effects	or critical hazards.
	Enzyme Mix End Repair-A Tailing	No known significant effects	or critical hazards
	Buffer	i të futëtiti elgimeant enrecië	or official fidzardo.
	T4 DNA Ligase	No known significant effects	
	Ligation Buffer	No known significant effects	
	Adaptor Oligo Mix	No known significant effects	
	Forward Primer 100 mM dNTP Mix (25	No known significant effects No known significant effects	
	mM each dNTP)	No known significant enects	
	Herculase II Fusion DNA	No known significant effects	or critical hazards.
	Polymerase		
	5X Herculase II Reaction Buffer	No known significant effects	or critical hazards.
	SureSelect Binding	No known significant effects	or critical hazards.
	Buffer	5	
	SureSelect Wash Buffer	No known significant effects	or critical hazards.
	1 SureSelect Wash Buffer	No known significant effects	or critical hazards
	2	i të futëtiti elgimeant enrecië	or official field do.
	SureSelect XT HS and	No known significant effects	or critical hazards.
	XT Low Input Blocker Mix	No known oignificant offacta	or critical bazarda
	SureSelect Fast Hybridization Buffer	No known significant effects	or childar nazarus.
	SureSelect RNase Block	No known significant effects	or critical hazards.
	SureSelect Post-Capture	No known significant effects	
	Primer Mix	-	
	SSEL Low Input Index	No known significant effects	or critical hazards.
	Primer, Plate 1, ILM SSel XT HS and XT Low	No known significant effects	or critical hazards
	Input Cancer All-In-One	No known significant enects	
	Lung, 96 Reactions		
Skin contact :	End Repair-A Tailing	No known significant effects	or critical hazards.
	Enzyme Mix		
	End Repair-A Tailing Buffer	No known significant effects	or critical hazards.
	T4 DNA Ligase	No known significant effects	or critical hazards
	Ligation Buffer	No known significant effects	
	Adaptor Oligo Mix	No known significant effects	
	Forward Primer	No known significant effects	or critical hazards.
	100 mM dNTP Mix (25	No known significant effects	or critical hazards.
	mM each dNTP)		
	Herculase II Fusion DNA Polymerase	No known significant effects	or critical hazards.
	5X Herculase II Reaction	No known significant effects	or critical hazards.
	Buffer	5	
	SureSelect Binding	No known significant effects	or critical hazards.
	Buffer SureSelect Wash Buffer	No known significant effects	or critical bazarda
	1	NO KHOWH SIGHILGARE ERECTS	or chilical hazdlus.
	SureSelect Wash Buffer	No known significant effects	or critical hazards.
Date of issue/Date of revision	: 19/04/2022 Date of previous	issue : 07/03/2022	Version : 4.1

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	2	
	SureSelect XT HS and	No known significant effects or critical hazards.
	XT Low Input Blocker Mix SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block	No known significant effects or critical hazards.
	SureSelect Post-Capture	No known significant effects or critical hazards.
	Primer Mix SSEL Low Input Index	No known significant effects or critical hazards.
	Primer, Plate 1, ILM SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.
Eye contact :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
	T4 DNA Ligase	No known significant effects or critical hazards.
	Ligation Buffer	No known significant effects or critical hazards.
	Adaptor Oligo Mix	No known significant effects or critical hazards.
	Forward Primer	No known significant effects or critical hazards.
	100 mM dNTP Mix (25	No known significant effects or critical hazards.
	mM each dNTP) Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.
	SureSelect Binding Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer	No known significant effects or critical hazards.
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.
	SureSelect RNase Block SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
	SSEL Low Input Index Primer, Plate 1, ILM	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.
Symptome related to the phy	0,	
Symptoms related to the phy		
Inhalation :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25	No specific data.
	mM each dNTP) Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding Buffer	No specific data.

	- J	
	SureSelect Wash Buffer	No specific data.
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
		•
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SSEL Low Input Index Primer, Plate 1, ILM	No specific data.
	SSel XT HS and XT Low Input Cancer All-In-One	No specific data.
	Lung, 96 Reactions	
Ingestion :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25 mM each dNTP)	No specific data.
	Herculase II Fusion DNA	No specific data.
	Polymerase	
	5X Herculase II Reaction Buffer	No specific data.
	SureSelect Binding	No specific data.
	Buffer SureSelect Wash Buffer	No specific data.
	1	
	SureSelect Wash Buffer 2	No specific data.
	SureSelect XT HS and XT Low Input Blocker Mix	No specific data.
	SureSelect Fast Hybridization Buffer	No specific data.
	SureSelect RNase Block	No specific data.
	SureSelect Post-Capture	No specific data.
	Primer Mix	
	SSEL Low Input Index Primer, Plate 1, ILM	No specific data.
	SSel XT HS and XT Low	No specific data.
	Input Cancer All-In-One Lung, 96 Reactions	
Skin contact :	End Repair-A Tailing Enzyme Mix	No specific data.
	End Repair-A Tailing Buffer	No specific data.
	T4 DNA Ligase	No specific data.
	Ligation Buffer	No specific data.
	Adaptor Oligo Mix	No specific data.
	Forward Primer	No specific data.
	100 mM dNTP Mix (25	No specific data.
	mM each dNTP)	no specific uala.
	Herculase II Fusion DNA Polymerase	No specific data.
	5X Herculase II Reaction	No specific data.
	Buffer	

	- J - J			
	SureSele Buffer	ct Binding	No specific data.	
		ct Wash Buffer	No specific data.	
	· · · · ·	ct Wash Buffer	No specific data.	
	SureSele	ct XT HS and put Blocker Mix	No specific data.	
	SureSele	•	No specific data.	
		ct RNase Block	No specific data.	
		ct Post-Capture	No specific data.	
	SSEL Lov	v Input Index late 1, ILM	No specific data.	
	SSel XT I Input Car	HS and XT Low Icer All-In-One Reactions	No specific data.	
Eye contact	: End Repa Enzyme N		No specific data.	
	Buffer	air-A Tailing	No specific data.	
	T4 DNA L	•	No specific data.	
	Ligation E		No specific data.	
	Adaptor C	-	No specific data.	
	Forward I		No specific data.	
	100 mM o mM each	INTP Mix (25 dNTP)	No specific data.	
	Herculase Polymera	e II Fusion DNA se	No specific data.	
	5X Hercu Buffer	lase II Reaction	No specific data.	
	SureSele Buffer	ct Binding	No specific data.	
	SureSele 1	ct Wash Buffer	No specific data.	
	SureSele 2	ct Wash Buffer	No specific data.	
	XT Low Ir	ct XT HS and nput Blocker Mix	No specific data.	
		tion Buffer	No specific data.	
		ct RNase Block	No specific data.	
	SureSele Primer M	ct Post-Capture x	No specific data.	
		v Input Index late 1, ILM	No specific data.	
		HS and XT Low Icer All-In-One	No specific data.	
	Lung, 96	Reactions		
Delayed and immedia	<u>te effects as well</u>	as chronic effe	cts from short and	l long-term exposure
Short term exposure	1			
Potential immediat effects	e : Not availa	able.		
Potential delayed effects	: Not availa	able.		
Long term exposure				
Potential immediat effects		able.		

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Potential delayed effects	: N	lot available.	
Potential chronic health eff	fects	<u>S</u>	
General		End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
	E	End Repair-A Tailing Buffer	No known significant effects or critical hazards.
		4 DNA Ligase	No known significant effects or critical hazards.
		igation Buffer	No known significant effects or critical hazards.
		daptor Oligo Mix	No known significant effects or critical hazards.
		orward Primer	No known significant effects or critical hazards.
	m	00 mM dNTP Mix (25 nM each dNTP)	No known significant effects or critical hazards.
	Р	lerculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	В	X Herculase II Reaction	No known significant effects or critical hazards.
	В	SureSelect Binding	No known significant effects or critical hazards.
	1	SureSelect Wash Buffer	No known significant effects or critical hazards.
	2		No known significant effects or critical hazards.
	Х	SureSelect XT HS and (T Low Input Blocker Mix	No known significant effects or critical hazards.
	Н	SureSelect Fast lybridization Buffer	No known significant effects or critical hazards.
	S	SureSelect RNase Block SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.
	S	SSEL Low Input Index Primer, Plate 1, ILM	No known significant effects or critical hazards.
	S In	Sel XT HS and XT Low nput Cancer All-In-One ung, 96 Reactions	No known significant effects or critical hazards.
Carcinogenicity		nd Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.
		End Repair-A Tailing Buffer	No known significant effects or critical hazards.
		4 DNA Ligase	No known significant effects or critical hazards.
		igation Buffer	No known significant effects or critical hazards.
		daptor Oligo Mix	No known significant effects or critical hazards.
		Forward Primer	No known significant effects or critical hazards.
		00 mM dNTP Mix (25	No known significant effects or critical hazards.
	Н	nM each dNTP) Ierculase II Fusion DNA Polymerase	No known significant effects or critical hazards.
	52	X Herculase II Reaction	No known significant effects or critical hazards.
	S	SureSelect Binding	No known significant effects or critical hazards.
		SureSelect Wash Buffer	No known significant effects or critical hazards.
	S 2	SureSelect Wash Buffer	No known significant effects or critical hazards.
	S	SureSelect XT HS and T Low Input Blocker Mix	No known significant effects or critical hazards.
	S	SureSelect Fast lybridization Buffer	No known significant effects or critical hazards.
	S S	SureSelect RNase Block SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards. No known significant effects or critical hazards.

	ogioai internation		
	SSEL Low Input Index Primer, Plate 1, ILM	No known significant effects or critical hazards.	
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.	
Mutagenicity :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.	
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.	
	T4 DNA Ligase	No known significant effects or critical hazards.	
	Ligation Buffer	No known significant effects or critical hazards.	
	Adaptor Oligo Mix	No known significant effects or critical hazards.	
	Forward Primer	No known significant effects or critical hazards.	
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.	
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.	
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.	
	SureSelect Binding Buffer	No known significant effects or critical hazards.	
	SureSelect Wash Buffer 1	No known significant effects or critical hazards.	
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.	
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.	
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.	
	SureSelect RNase Block	No known significant effects or critical hazards.	
	SureSelect Post-Capture Primer Mix	No known significant effects or critical hazards.	
	SSEL Low Input Index Primer, Plate 1, ILM	No known significant effects or critical hazards.	
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.	
Denne du stive terrisitu	•	No known eignificant offects on exitical beyonds	
Reproductive toxicity :	End Repair-A Tailing Enzyme Mix	No known significant effects or critical hazards.	
	End Repair-A Tailing Buffer	No known significant effects or critical hazards.	
	T4 DNA Ligase	No known significant effects or critical hazards.	
	Ligation Buffer	No known significant effects or critical hazards.	
	Adaptor Oligo Mix	No known significant effects or critical hazards.	
	Forward Primer	No known significant effects or critical hazards.	
	100 mM dNTP Mix (25 mM each dNTP)	No known significant effects or critical hazards.	
	Herculase II Fusion DNA Polymerase	No known significant effects or critical hazards.	
	5X Herculase II Reaction Buffer	No known significant effects or critical hazards.	
	SureSelect Binding Buffer	No known significant effects or critical hazards.	
	SureSelect Wash Buffer	No known significant effects or critical hazards.	
	SureSelect Wash Buffer 2	No known significant effects or critical hazards.	
	SureSelect XT HS and XT Low Input Blocker Mix	No known significant effects or critical hazards.	
	SureSelect Fast Hybridization Buffer	No known significant effects or critical hazards.	
	SureSelect RNase Block	No known significant effects or critical hazards.	
	SureSelect Post-Capture	No known significant effects or critical hazards.	
Date of issue/Date of revision	: 19/04/2022 Date of previous	issue : 07/03/2022 Version : 4.1	6

SureSelect XT Low Input Reagent kit, index 1-96 + SSel Cancer All-In-One Lung Panel, 96rxn, Part Number G9707R

SECTION 11: Toxicological information

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	Primer Mix SSEL Low Input Index Primer, Plate 1, ILM	No known significant effects or critical hazards.
	SSel XT HS and XT Low Input Cancer All-In-One Lung, 96 Reactions	No known significant effects or critical hazards.
Other information	End Repair-A Tailing Enzyme Mix	Not available.
	End Repair-A Tailing Buffer	Adverse symptoms may include the following: May cause skin sensitisation.
	T4 DNA Ligase	Not available.
	Ligation Buffer	Not available.
	Adaptor Oligo Mix	
	Forward Primer	Not available. Not available.
	100 mM dNTP Mix (25 mM each dNTP)	Not available.
	Herculase II Fusion DNA Polymerase	Not available.
	5X Herculase II Reaction	Not available.
	Buffer	
	SureSelect Binding Buffer	Not available.
	SureSelect Wash Buffer 1	Not available.
	SureSelect Wash Buffer 2	Not available.
	SureSelect XT HS and XT Low Input Blocker Mix	Not available.
	SureSelect Fast Hybridization Buffer	Not available.
	SureSelect RNase Block	Adverse symptoms may include the following: May cause skin sensitisation.
	SureSelect Post-Capture Primer Mix	Not available.
	SSEL Low Input Index Primer, Plate 1, ILM	Not available.
	SSel XT HS and XT Low Input Cancer All-In-One	Not available.
	Lung, 96 Reactions	

SECTION 12: Ecological information

12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
5X Herculase II Reaction Buffer			
Trometamol	Acute EC50 >980 mg/l Fresh water Acute NOEC 520 mg/l Fresh water	Daphnia Daphnia	48 hours 48 hours
Ammonium sulphate	Chronic NOEC 7.5 mg/l Marine water	Algae - Phaeodactylum tricornutum - Exponential growth phase	96 hours
Hexadecan-1-ol, ethoxylated	Acute LC50 330000 to 1000000 μg/l Marine water	Crustaceans - Crangon crangon - Adult	48 hours
SureSelect Binding Buffer			
Sodium chloride	Acute EC50 2430000 µg/l Fresh water Acute EC50 519.6 mg/l Fresh water	Algae - Navicula seminulum Crustaceans - Cypris subglobosa	96 hours 48 hours
	Acute EC50 402.6 mg/l Fresh water Acute IC50 6.87 g/L Fresh water Acute LC50 1000000 µg/l Fresh water Chronic LC10 781 mg/l Fresh water	Daphnia - Daphnia magna Aquatic plants - Lemna minor Fish - Morone saxatilis - Larvae Crustaceans - Hyalella azteca -	48 hours 96 hours 96 hours 3 weeks
Date of issue/Date of revision		Crustaceans - Hyalella azteca - : 07/03/2022 Version : 4	

SECTION 12: Ecological information

Chronic NOEC 6 g/L Fresh water Chronic NOEC 0.314 g/L Fresh water Chronic NOEC 100 mg/l Fresh water	Juvenile (Fledgling, Hatchling, Weanling) Aquatic plants - Lemna minor Daphnia - Daphnia pulex Fish - Gambusia holbrooki - Adult	96 hours 21 days 8 weeks	
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12.2 Persistence and degradability

Product/ingredient name	Test	Result		Dose		Inoculum
5X Herculase II Reaction Buffer Trometamol	OECD 301F Ready Biodegradability - Manometric Respirometry Test		eadily - 28 days	30 mg/l		-
Product/ingredient name	Aquatic half-life		Photolysis		Biodeg	radability
5X Herculase II Reaction Buffer Trometamol Ammonium sulphate Hexadecan-1-ol, ethoxylated	-		-		Readily Readily Readily	

12.3 Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
5X Herculase II Reaction Buffer			
Trometamol Ammonium sulphate	-2.31 -5.1	-	low low

12.4 Mobility in soil

Soil/water partition	: Not available.
coefficient (Koc)	
Mobility	: Not available.

12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

<u>Product</u> Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Disp of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable produ- via a licensed waste disposal contractor. Waste should not be disposed of untreat	ucts
Hazardous waste	the sewer unless fully compliant with the requirements of all authorities with jurisdicWithin the present knowledge of the supplier, this product is not regarded as hazar waste, as defined by EU Directive 2008/98/EC.	
Date of issue/Date of revision	: 19/04/2022 Date of previous issue : 07/03/2022 Version : 4.1	68/72

SECTION 13: Disposal considerations

Packaging	
Methods of disposal	: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
Special precautions	: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	IMDG	ΙΑΤΑ
14.1 UN number	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.

Additional information

14.6 Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to IMO instruments

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>

Annex XIV - List of substances subject to authorisation

: Not available.

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Ingredient name	EC number	CAS number	Restriction
5X Herculase II Reaction Buffer			
ammonium sulphate	231-984-1	7783-20-2	65

SECTION 15: Regulatory information

SECTION 15: Regulat	ory information	
Label :	End Repair-A Tailing Enzyme Mix	Not applicable.
	End Repair-A Tailing Buffer	Not applicable.
	T4 DNA Ligase	Not applicable.
	Ligation Buffer	Not applicable.
	Adaptor Oligo Mix	Not applicable.
	Forward Primer	Not applicable.
	100 mM dNTP Mix (25 mM	Not applicable.
	each dNTP) Herculase II Fusion DNA Polymerase	Not applicable.
	5X Herculase II Reaction Buffer	Not applicable.
	SureSelect Binding Buffer	Not applicable.
	SureSelect Wash Buffer 1	Not applicable.
	SureSelect Wash Buffer 2	Not applicable.
	SureSelect XT HS and XT	Not applicable.
	Low Input Blocker Mix	
	SureSelect Fast Hybridization Buffer	Not applicable.
	SureSelect RNase Block	Not applicable.
	SureSelect Post-Capture Primer Mix	Not applicable.
	SSEL Low Input Index Primer, Plate 1, ILM	Not applicable.
	SSel XT HS and XT Low Input Cancer All-In-One Lung,	Not applicable.
	96 Reactions	
Other EU regulations		
Ozone depleting substance	s (1005/2009/EU)	
Not listed.		
Prior Informed Consent (Ple Not listed.	<u>C) (649/2012/EU)</u>	
Persistent Organic Pollutar Not listed.	<u>nts</u>	
Seveso Directive		
	under the Severe Directive	
This product is not controlled	under the Seveso Directive.	
International regulations		
Chemical Weapon Convention Not listed.	on List Schedules I, II & III Che	emicals
Montreal Protocol Not listed.		
Stockholm Convention on P Not listed.	ersistent Organic Pollutants	
Rotterdam Convention on Provide Not listed.	rior Informed Consent (PIC)	
UNECE Aarhus Protocol on	POPs and Heavy Metals	
Not listed.		
Inventory list	Not determined	

Australia	: Not determined.
Canada	: Not determined.
China	: Not determined.

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SECTION 15: Regulatory information

Europe	: Not determined.
Japan	: Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.
New Zealand	: Not determined.
Philippines	: Not determined.
Republic of Korea	: Not determined.
Taiwan	: All components are listed or exempted.
Thailand	: Not determined.
Turkey	: Not determined.
United States	: Not determined.
Viet Nam	: Not determined.
15.2 Chemical safety assessment	: This product contains substances for which Chemical Safety Assessments might still be required.

SECTION 16: Other information

Indicates information that	t has changed from previously issued version.
Abbreviations and	: ATE = Acute Toxicity Estimate
acronyms	CLP = Classification, Labelling and Packaging Regulation [R

acronyms	CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No.
-	1272/2008]
	DMEL = Derived Minimal Effect Level
	DNEL = Derived No Effect Level
	EUH statement = CLP-specific Hazard statement
	N/A = Not available
	PBT = Persistent, Bioaccumulative and Toxic
	PNEC = Predicted No Effect Concentration
	RRN = REACH Registration Number
	vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Not classified.	

Full text of abbreviated H statements

5X Herculase II Reaction Buffer H315 H319 H411	Causes skin irritation. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.
SureSelect Binding Buffer H319	Causes serious eye irritation.
Full text of classifications [CLP/GHS]	
5X Herculase II Reaction Buffer Aquatic Chronic 2 Eye Irrit. 2 Skin Irrit. 2	LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2 SKIN CORROSION/IRRITATION - Category 2
SureSelect Binding Buffer Eye Irrit. 2	SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Date of issue/ Date of : 19/04/20 revision	022
Date of previous issue : 07/03/20	022
Version: 4.1Notice to reader	

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SECTION 16: Other information

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